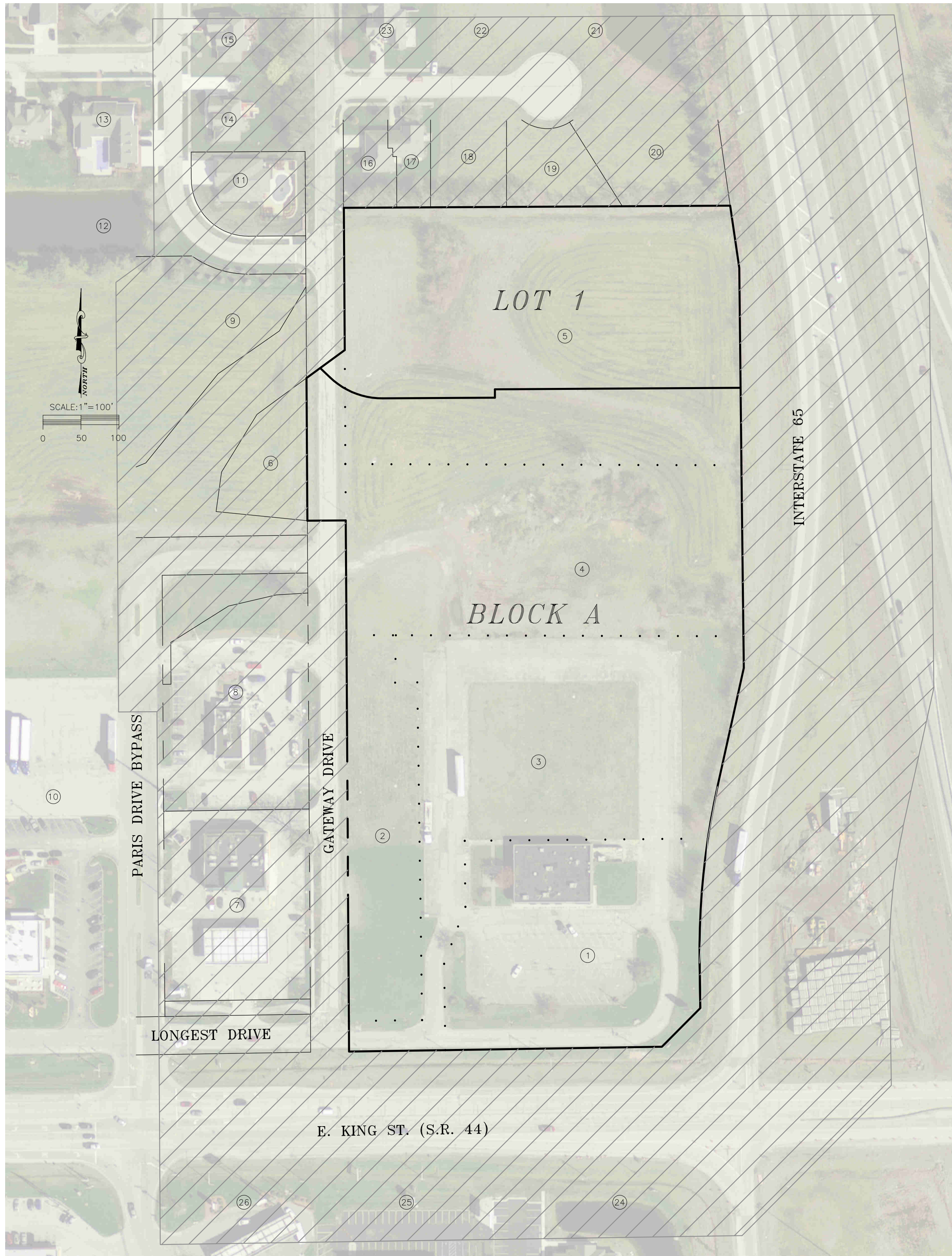


SHEET INDEX

C000	TITLE SHEET
C100	EXISTING FEATURES AND TOPOGRAPHY
C101	SITE PLAN
C102	GRADING PLAN
C103	LANDSCAPING PLAN
C104-C105	DETAILS SHEET
EC1-EC2	EROSION CONTROL PLAN



SITE MAP

SUBJECT LAND OWNER

- ⑤ J ENTERPRISES INN OF NASHVILLE, LLC  
INST. #2018-014511  
AUDITOR'S MAP #41-07-18-042-001.000-018

ADJOINING LAND OWNERS

- ① EAST KING STREET, LLC.  
INST. #2001-006116  
AUDITOR'S MAP #41-07-18-042-010.002-018
- ② PAD COMMERCIAL, LLC.  
INST. #2017-029600  
AUDITOR'S MAP #41-07-18-031-010.000-018
- ③ CITY OF FRANKLIN  
INST. #2017-025086  
AUDITOR'S MAP #41-07-18-042-010.001-018
- ④ J ENTERPRISES INN OF NASHVILLE, LLC.  
INST. #2017-016364  
AUDITOR'S MAP #41-07-18-042-011.000-018
- ⑥ JART PROPERTIES INC.  
INST. #2017-013521  
AUDITOR'S MAP #41-07-18-031-003.000-018
- ⑦ SHV27, LLC.  
INST. #2007-026816  
AUDITOR'S MAP #41-07-18-031-006.003-018
- ⑧ PIOTROWSKI BK #8503  
INST. #2007-006628  
AUDITOR'S MAP #41-07-18-031-006.000-018
- ⑨ JART PROPERTIES INC.  
INST. #2017-013521  
AUDITOR'S MAP #41-07-18-031-006.002-018
- ⑩ McDONALD'S CORPORATION  
D.R. 241, PG. 412  
AUDITOR'S MAP #41-07-18-031-006.001-018
- ⑪ DIETRICH S. AND MICHELLE PAHL  
FAIRWAY LAKES SEC. II LOT 47  
INST. #2013-011763  
AUDITOR'S MAP #41-07-18-024-038.000-018
- ⑫ FAIRWAY LAKES DEVELOPMENT  
FAIRWAY LAKES SEC. I COMMON AREA #1  
AUDITOR'S MAP #41-07-18-031-016.000-018
- ⑬ DAVID W. & NANCY A. DOWDEN  
FAIRWAY LAKES SEC. II LOT 48  
AUDITOR'S MAP #41-07-18-024-018.000-018
- ⑭ MARK DOMINICK & JESSICA HENSLEY  
FAIRWAY LAKES SEC. II LOT 46  
INST. #2013023281  
AUDITOR'S MAP #41-07-18-024-037.000-018
- ⑮ STEPHEN HURBLE & SHANNON STOWERS  
FAIRWAY LAKES SEC. II LOT 45  
INST. #2017015203  
AUDITOR'S MAP #41-07-18-024-036.000-018
- ⑯ LUIS CARLOS LOPEZ & DONNA KELP LUTES  
W. 1/2 LOT 178 - PARIS ESTATES SEC. 6  
INST. #2015-008484  
AUDITOR'S MAP #41-07-18-024-001.001-018
- ⑰ LARRY J. & KATHRYN L. STOFFEL  
E. 1/2 LOT 178 - PARIS ESTATES SEC. 6  
INST. #2015-003165  
AUDITOR'S MAP #41-07-18-013-001.000-018
- ⑱ W.E. PARIS PROPERTIES, LLC.  
LOT 177 - PARIS ESTATES SEC. 6  
INST. #2012-028117  
AUDITOR'S MAP #41-07-18-013-002.000-018
- ⑲ W.E. PARIS PROPERTIES, LLC.  
LOT 176 - PARIS ESTATES SEC. 6  
INST. #2012-028117  
AUDITOR'S MAP #41-07-18-013-003.000-018
- ⑳ W.E. PARIS PROPERTIES, LLC.  
LOT 175 - PARIS ESTATES SEC. 6  
INST. #2012-028117  
AUDITOR'S MAP #41-07-18-013-004.000-018
- ㉑ W.E. PARIS PROPERTIES, LLC.  
LOT 174 - PARIS ESTATES SEC. 6  
INST. #2012028117  
AUDITOR'S MAP #41-07-18-013-006.000-018
- ㉒ MICHAEL G. & KATHLEEN H. WAUGH  
LOT 173 - PARIS ESTATES SEC. 6  
INST. #2018007230  
AUDITOR'S MAP #41-07-18-013-007.000-018
- ㉓ ROBERT WARREN & VALERIE J. PHILPOTT  
S. 1/2 LOT 172 - PARIS ESTATES SEC. 6  
AUDITOR'S MAP #41-07-18-013-008.001-018
- ㉔ AC-FRANKLIN IN-1 LLC  
INST. #2013030185  
AUDITOR'S MAP #41-07-18-043-009.000-018
- ㉕ VAG FRANKLIN LLC  
INST. #2015003013  
AUDITOR'S MAP #41-07-18-043-010.000-018
- ㉖ COUTAR REMAINDER I LLC  
AUDITOR'S MAP #41-07-18-034-001.000-018

LEGEND

- ◆ #XX CONTROL POINT
- SET 5/8"x30" REBAR THIS SURVEY
- ▲ FOUND/REFERENCED SECTION CORNER
- FOUND 5/8" REBAR/STEEL PIN
- ◆ FOUND IRON PIPE/STEEL POST/RAILROAD SPIKE
- FOUND MAG NAIL/P.K. NAIL
- FOUND CONCRETE MONUMENT/RIGHT-OF-WAY MARKER
- (R) RECORD OR PLAT DIMENSION
- (C) COMPUTED DIMENSION
- (S) SURVEY DIMENSION
- AC. ACRES
- P.O.B. POINT OF BEGINNING
- EXISTING SPOT ELEVATION
- EXISTING GAS MARKER
- EXISTING GAS VALVE
- EXISTING WATER MARKER
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING IRRIGATION CONTROL VALVE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING CLEANOUT
- EXISTING STORM SEWER MANHOLE
- EXISTING CURB INLET
- EXISTING CATCH BASIN
- EXISTING BOLLARD/WOOD POST
- EXISTING TRAFFIC HANDHOLE
- EXISTING SIGN
- EXISTING BANNER POST
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING GUY ANCHOR
- EXISTING ELECTRIC BOX/TRANSFORMER
- EXISTING TELECOMM PEDESTAL/HANDHOLE
- EXISTING FIBER OPTIC MARKER
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING DECIDUOUS TREE
- EXISTING SHRUB
- X — EXISTING FENCE
- G — EXISTING GAS LINE
- W — EXISTING WATER LINE
- SAN — EXISTING SANITARY SEWER
- ST — EXISTING STORM SEWER
- OH — EXISTING OVERHEAD UTILITIES
- C — EXISTING UNDERGROUND TELECOMM LINE
- ..... VACATED DEED LINE
- — EXISTING DITCH
- ~~~~~ EXISTING TREE/BRUSH LINE

CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1543194.42	229616.52	743.90	SET ILS REBAR
2	1543188.21	229227.44	744.50	SET ILS REBAR
3	1542785.33	229214.41	745.48	SET ILS REBAR
1728	1543689.99	229148.38	743.73	SET MAG NAIL
1729	1543495.80	228983.29	745.52	SET ILS REBAR
1730	1543203.03	229102.19	745.05	SET MAG NAIL
1731	1542676.95	229226.48	745.09	SET ILS REBAR

WRITTEN DESCRIPTION OF LOCATION OF PROPERTY:  
A PART OF THE SOUTH HALF OF SECTION 18, TOWNSHIP 12 NORTH, RANGE 5 EAST IN JOHNSON COUNTY, INDIANA.

CURRENT ZONING:  
MIXED-USE: REGIONAL CENTER (MXR)

PARCEL NUMBERS:  
AUDITOR'S MAP #41-07-18-042-001.000-018

LEGAL DESCRIPTION:  
LOT 1 OF THE FRANKLIN GATEWAY DEVELOPMENT SECONDARY PLAT - SECTION 1 (TO BE RECORDED)

PROPERTY ADDRESS:  
363 PARIS DRIVE, FRANKLIN, INDIANA, 46131

FLOODPLAIN INFORMATION:  
THIS SITE IS IN THE MAPPED FLOOD PLAIN (ZONE "X"-UNSHADED (OUTSIDE 500 YEAR FLOOD PLAIN) ON THE NATIONAL FLOOD INSURANCE RATE MAP - PANEL NUMBER 1808100232D, DATED AUGUST 2, 2007. ALL CONSTRUCTION, FILLING, GRADING OR ALTERATION OF THE MAPPED FLOOD PLAIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS IN THE FRANKLIN & JOHNSON COUNTY, INDIANA ZONING ORDINANCE AS PERIODICALLY AMENDED.

BENCHMARK INFORMATION:  
THE HORIZONTAL COORDINATE SYSTEM IS NAD83 INDIANA EAST 1301 AND THE VERTICAL DATUM IS NAVD83 BASED ON THE INDIANA CONTINUOUSLY OPERATING REFERENCE SYSTEM (INCORS).

UTILITY INFORMATION:  
THE EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ON THE DRAWING WERE OBTAINED FROM SURFACE MARKINGS BY OTHERS AND BY VISIBLE SURFACE INDICATIONS. INDEPENDENT LAND SURVEYING, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY OF THE SURFACE MARKINGS MADE BY OTHERS. THIS INFORMATION IS BELIEVED TO BE CORRECT BUT IS NOT GUARANTEED. LOCATION OF ALL UTILITIES SHOULD BE FIELD VERIFIED BEFORE ANY NEW CONSTRUCTION BEGINS. DEPTHS OF UNDERGROUND UTILITIES WERE NOT MARKED AND ARE UNKNOWN UNLESS NOTED OTHERWISE.

SUMMARY STATEMENT:  
THE PROPOSED DEVELOPMENT WILL INCLUDE THE CONSTRUCTION OF A FOUR STORY HOTEL OF 92 ROOMS WITH 8 EMPLOYEES ON THE LARGEST WORK SHIFT.

UTILITIES

WATER  
INDIAN AMERICAN WATER COMPANY  
425 WEST MAIN STREET  
MOORESVILLE, IN 46158  
TROY BRYANT  
317-831-3385

FIBEROPTIC  
CENTURY LINK  
1147 N. MORTON STREET  
FRANKLIN, IN 46131  
DAVID MEYERS  
317-736-4863

SEWER  
CITY OF FRANKLIN DPW  
796 S. STATE STREET  
FRANKLIN, IN 46131  
RICK LITTLETON  
317-736-3648

GAS  
VECTREN ENERGY  
600 INDUSTRIAL DRIVE  
FRANKLIN, IN 46131  
BLAKE NIETEN  
317-736-2907

COMMUNICATIONS  
METRO FIBERNET  
8036 COLE WOOD BLVD.  
INDIANAPOLIS, IN 46239  
DOUG RECKART  
317-809-8067

COMMUNICATIONS  
COMCAST  
1600 WEST VERNAL PIKE  
BLOOMINGTON, IN 47404  
STEVE MCARTOR  
812-360-3090

ELECTRIC  
DUKE ENERGY  
2515 N. MORTON STREET  
FRANKLIN, IN 46131  
TAYLOR AUSTIN  
317-736-2017

FIRE DEPARTMENT  
CITY OF FRANKLIN FIRE DEPT.  
1800 THORNBURG LANE  
FRANKLIN, IN 46131  
BRYNE PURSFULL  
317-736-3650

OWNER/APPLICANT

J ENTERPRISES INN  
OF NASHVILLE, LLC  
430 2ND ST.  
COLUMBUS, IN 47201  
PHONE: 812-379-2173  
CONTACT: JANEEN SPRAGUE  
EMAIL: SPRAGUECOMPANY@COMCAST.NET

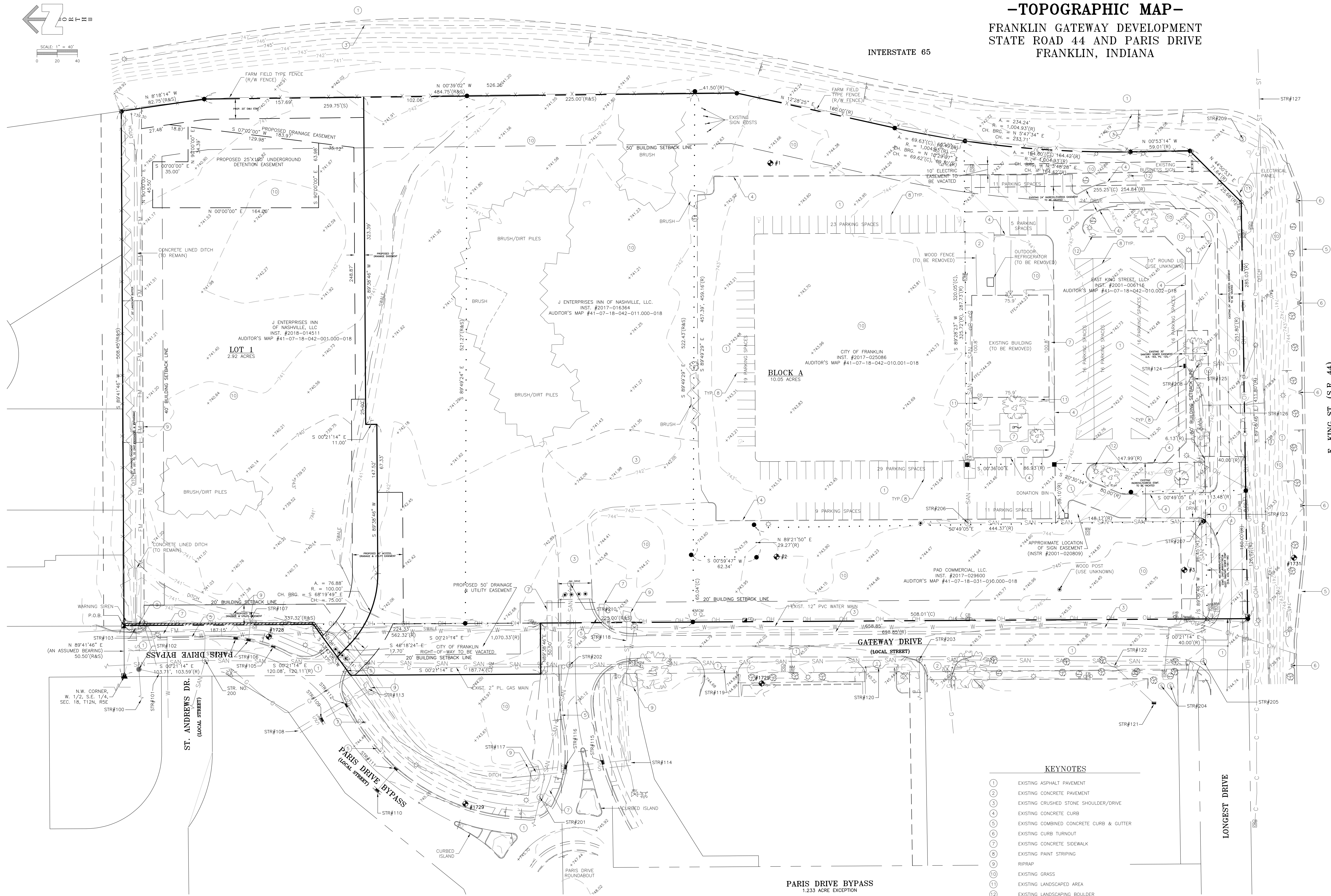
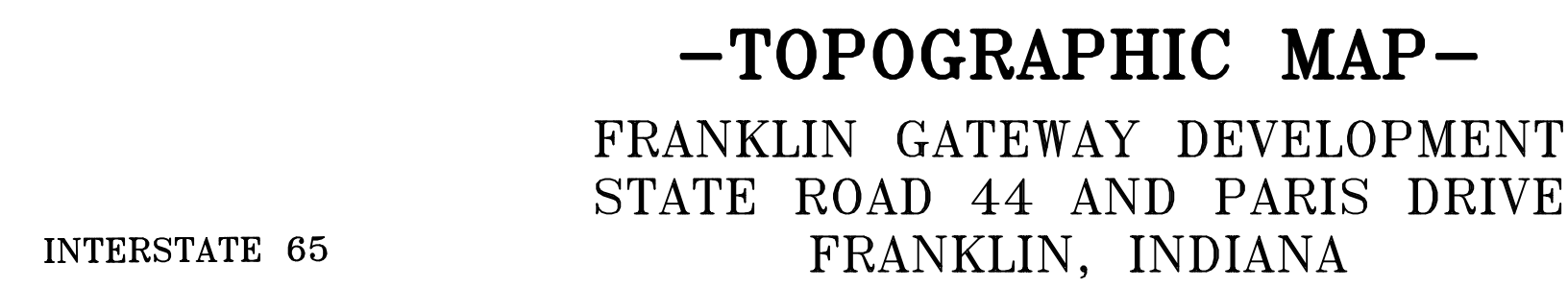
SURVEYOR



INDEPENDENT LAND SURVEYING  
3640 COMMERCE DR.  
COLUMBUS, IN 47201  
PHONE: 812-372-0996  
CONTACT: TIM M. ALLEN  
EMAIL: TALLEN@ILSURVEYING.COM



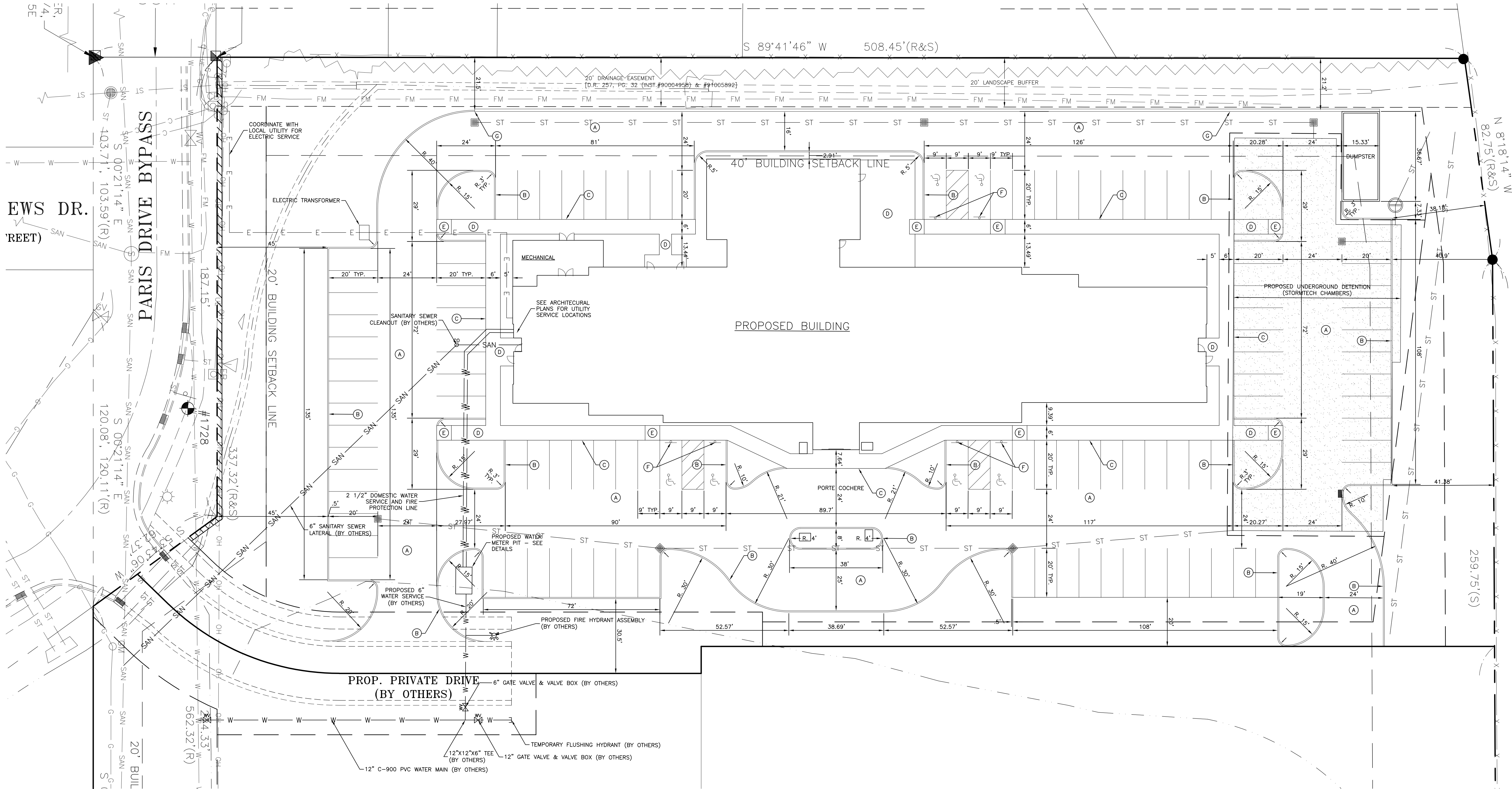
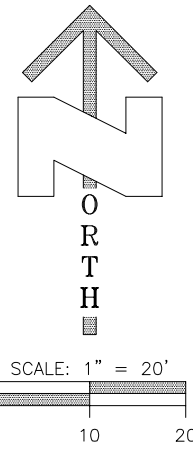
by	
description	
date	
rev. no.	
PROJECT NAME	CLIENT: SPRAGUE COMPANIES HAMPTON INN FRANKLIN GATEWAY DEVELOPMENT FRANKLIN, INDIANA 46131
SHEET TITLE:	TITLE
drawn by:	DEK
scale:	1"=20'
date:	JULY 12, 2018
job no.	17174
SHEET	C000
17174 HOTEL SITE DESIGN.dwg	





	drawn by:	SHEET TITLE:	<b>Independent Land Surveying</b>  <a href="http://www.ilsurveying.com">www.ilsurveying.com</a>	414 South Main Street, Box 100, Ellettsburg, IA 52620 Phone: 812-358-2832 Fax: 812-358-2805  3640 Commerce Drive Columbus, Indiana 47311 Phone: 812-372-0996 Fax: 812-372-0996	PROJECT NAME  CLIENT: SPRAGUE COMPANIES  HAMPTON INN FRANKLIN GATEWAY DEVELOPMENT  FRANKLIN, INDIANA 46131	rev. no.	date	description	by
	DEK scale: 1"=40' date: JULY 12, 2018 job no. 17174	EXISTING FEATURES AND TOPOGRAPHY				—	—	—	—





PARKING LOT SUMMARY	
STANDARD PARKING SPACES:	100
ACCESSIBLE PARKING SPACES:	5
VAN ACCESSIBLE PARKING SPACES:	1
TOTAL PARKING SPACES:	106

NUMBER OF ROOMS:	92
BUILDING HEIGHT:	58' (4 FLOORS)
FLOOR AREA:	67,000 SQ. FT.
HEIGHT RESTRICTION:	45'

KEYNOTES

- (A) STANDARD DUTY ASPHALT PAVEMENT
- (B) 6" CONCRETE CURB
- (C) INTEGRAL CURB & SIDEWALK
- (D) SIDEWALK
- (E) ADA RAMP
- (F) ADA SIGN
- (G) CONCRETE RETAINING WALL

NOTES:

- 1) TYPICAL PARKING SPACES ARE 9'X20'.
- 2) PAINT STRIPES ARE TO BE (3 INCHES IN WIDTH MINIMUM)
- 3) CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- 4) WATER TAPS PAID BY OWNER.
- 5) SANITARY CLEANOUTS TO BE PROVIDED ON LATERALS EVERY 100' MAXIMUM AND WHENEVER PIPE CHANGES DIRECTION.
- 6) CONTRACTOR TO GRADE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS WHEN SITE WORK IS COMPLETE.
- 7) ALL WORK PERFORMED ON THIS SITE IS TO CONFORM TO LOCAL AND STATE REQUIREMENTS.
- 8) CONTRACTOR SHALL PROVIDE GRANULAR BACKFILL WHEN WITHIN 5 FEET OF PAVEMENTS.
- 9) SIDEWALKS AND ADA SPACES TO BE CONSTRUCTED TO MEET ADA REQUIREMENTS.
- 10) AT NEW PAVEMENT CONNECTION, SAW CUT EXISTING PAVEMENT AND MILL 1"X12" AND INSTALL HMA SURFACE LAP JOINT.

NOTES:

- 13) ALL STORM STRUCTURES TO BE STAMPED "DUMP NO WASTE-DRAINS TO WATERWAYS"
- 14) FIRE SERVICE TO BE PROVIDED BY OTHERS.
- 15) OWNER/CONTRACTOR TO KEEP INLETS CLEAN TO INSURE PROPER DRAINAGE.
- 16) SIDEWALK ALONG PAVEMENT WILL BE 6" MONOLITHIC CURB AND SIDEWALK.
- 17) USE INDOT CLASS A CONCRETE FOR ALL SIDEWALKS.
- 18) SITE TO MEET LOCAL AND STATE ADA REQUIREMENTS.
- 19) LANDING TO BE PROVIDED WHERE SIDEWALKS INTERSECT OTHER SIDEWALKS.
- 20) ADA RAMPS TO BE PROVIDED WHERE NECESSARY. EXACT LAYOUT TO BE FIELD APPROVED BY THE CITY ENGINEER'S OFFICE PRIOR TO POURING CONCRETE.
- 21) SITE CONTRACTOR TO VERIFY ALL UTILITY CONNECTIONS WITH ARCHITECTURAL PLANS.
- 22) PLACE CLASS 1 RIP RAP WITH GEOTEXTILES FABRIC AT OUTLET END OF NEW PIPES.
- 23) SITE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, IF PROVIDED.

NOTES:

- 24) CONFIRM LOCATIONS OF DOWN SPOUTS W/ ARCHITECT.
- 25) ALL DIMENSIONS ARE TO FACE OF CURB/EDGE OF PAVEMENT
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by

description

date

rev. no.

PROJECT NAME

CLIENT: SPRAGUE COMPANIES

HAMPTON INN

FRANKLIN GATEWAY DEVELOPMENT

FRANKLIN, INDIANA 46131

414 South Main Street  
Brownstown, Indiana 47220  
Phone: 812-358-2882  
Fax: 812-358-2605

3640 Commerce Drive  
Columbus, Indiana 47331  
Phone: 812-372-6996  
Fax: 812-372-0996

www.ilsurveying.com

Independent  
Land  
Surveying

www.ilsurveying.com

SHEET TITLE:

SITE PLAN

drawn by:

DEK

scale:

1"=20'

date:

JULY 12, 2018

job no.

17174

JAMES C. LEWART  
REGISTERED  
NO. 107075  
STATE OF INDIANA  
Professional Engineer

JULY 12, 2018

17174

JAMES C. LEWART  
REGISTERED  
NO. 107075  
STATE OF INDIANA  
Professional Engineer

JULY 12, 2018

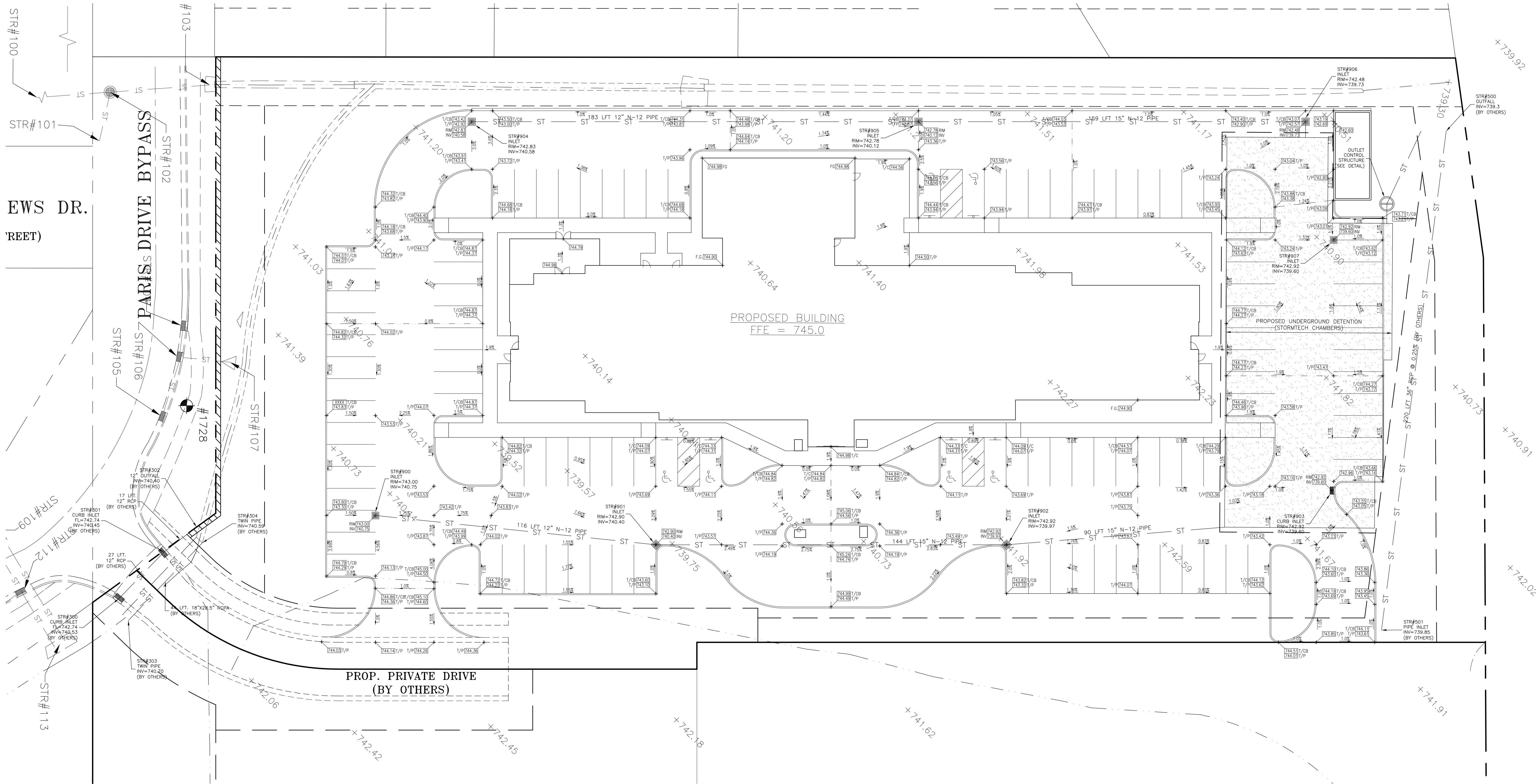
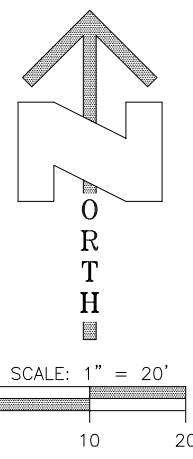
17174

SHEET

C101

17174 HOTEL SITE  
DESIGN.dwg





- NOTES:
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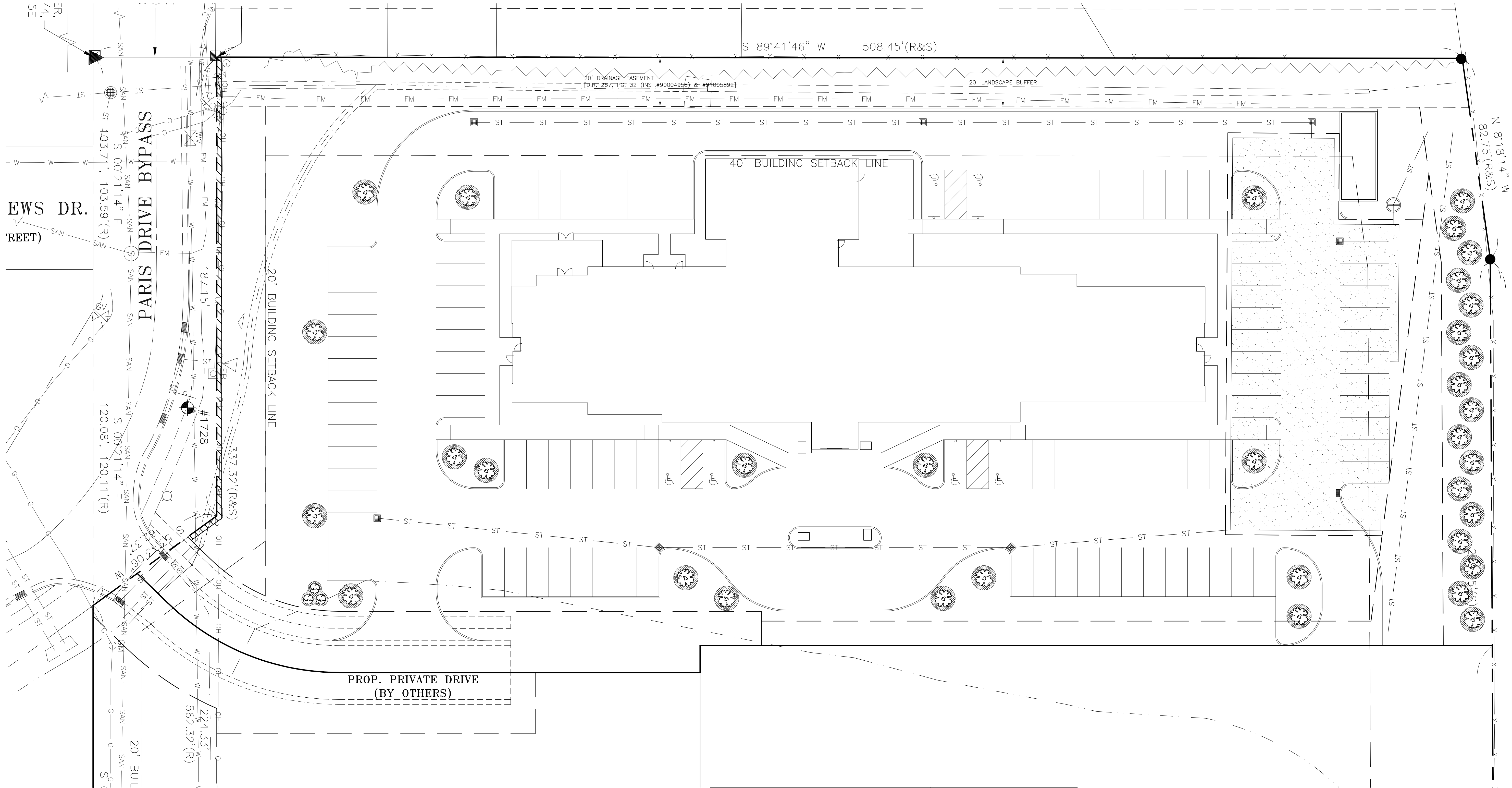
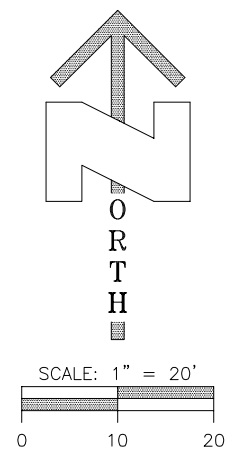
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by	
description	
date	
rev. no.	
PROJECT NAME	CLIENT: SPRAGUE COMPANIES HAMPTON INN FRANKLIN GATEWAY DEVELOPMENT FRANKLIN, INDIANA 46131
SHEET TITLE:	GRADING PLAN
drawn by:	DEK
scale:	1"=20'
date:	JULY 12, 2018
job no.	17174
SHEET	
	C102
17174 HOTEL SITE DESIGN.dwg	







REQUIRED LANDSCAPING AREAS:

SITE INTERIOR (COMMERCIAL) - 1 TREE PER 1500 SQ. FT. OF YARD AREA  
75% MAX. LOT COVERAGE  
LOT 1 = 127,118 SQ. FT. (2.92 ACRES) X 0.25 = 31,780 SQ. FT. MINIMUM YARD AREA REQUIRED.  
47,858 SQ. FT. TOTAL YARD AREA  
MINUS 4950 SQ.FT. (REQUIRED LANDSCAPED AREAS)  
MINUS 10,197 SQ. FT. (NORTH LANDSCAPE BUFFER)  
= 32,711 YARD AREA PROVIDED.  
32,711 SQ. FT./1500 SQ. FT. = 22 TREES

PARKING LOT PERIMETER (SEPARATION BETWEEN PARIS DRIVE R/W AND WEST PARKING LOT/DRIVEWAY)  
10 FOOT MINIMUM WIDTH X 237' LONG  
1 TREE PER 80' LINEAR FEET PLUS 1 SHRUB PER TREE.  
= 3 TREES PLUS 3 SHRUBS

PARKING LOT INTERIOR  
LANDSCAPE ISLANDS W/ 5% OF PAVED SURFACE.  
49,589 SQ. FT. PAVED SURFACE X 0.05 = 2479 SQ. FT.  
2589 SQ. FT. LANDSCAPE ISLANDS PROVIDED (300 SQ. FT. MIN./ISLAND)  
1 TREE PER 300 SQ. FT. REQUIRED LANDSCAPED AREA  
2589 SQ. FT./300 = 9 TREES

MULCH AROUND ALL TREES AND SHRUBS

PLANT TYPE	SIZE AT PLANTING	
 LARGE TREE TILIA CORDATA - GREENSPIRE LINDEN ZELKOVA SERRATA - JAPANESE ZELKOVA	2 1/2" DIAM. @ 6" ABOVE ROOT BALL	
 SHRUB BERBERIS THUNBERGII - CRIMSON BARBERRY BERBERIS THUNBERGII - JAPANESE BARBERRY BERBERIS THUNBERGII - CRIMSON PYGMY BARBERRY TAXUS BACCATA "REPANDENS" - DWARF ENGLISH YEW BOXUS MYCOPHYLLA - LITTLELEAF OR KOREAN BOXWOOD	18" TALL	

NOTE:  
IRRIGATION SYSTEM TO BE BY OTHERS & NOT INCLUDED IN THIS PROJECT.



17174 HOTEL SITE DESIGN.dwg

17174

JULY 12, 2018

1"=20'

DEK

drawn by:

SHEET TITLE:

LANDSCAPING PLAN

PROJECT NAME

CLIENT: SPRAGUE COMPANIES  
HAMPTON INN  
FRANKLIN GATEWAY DEVELOPMENT  
FRANKLIN, INDIANA 46131

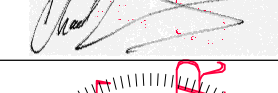
rev. no.

date


description

by

REGISTERED  
NO. 107075  
STATE OF INDIANA  
JAMES C. LEWART  
LAND SURVEYOR



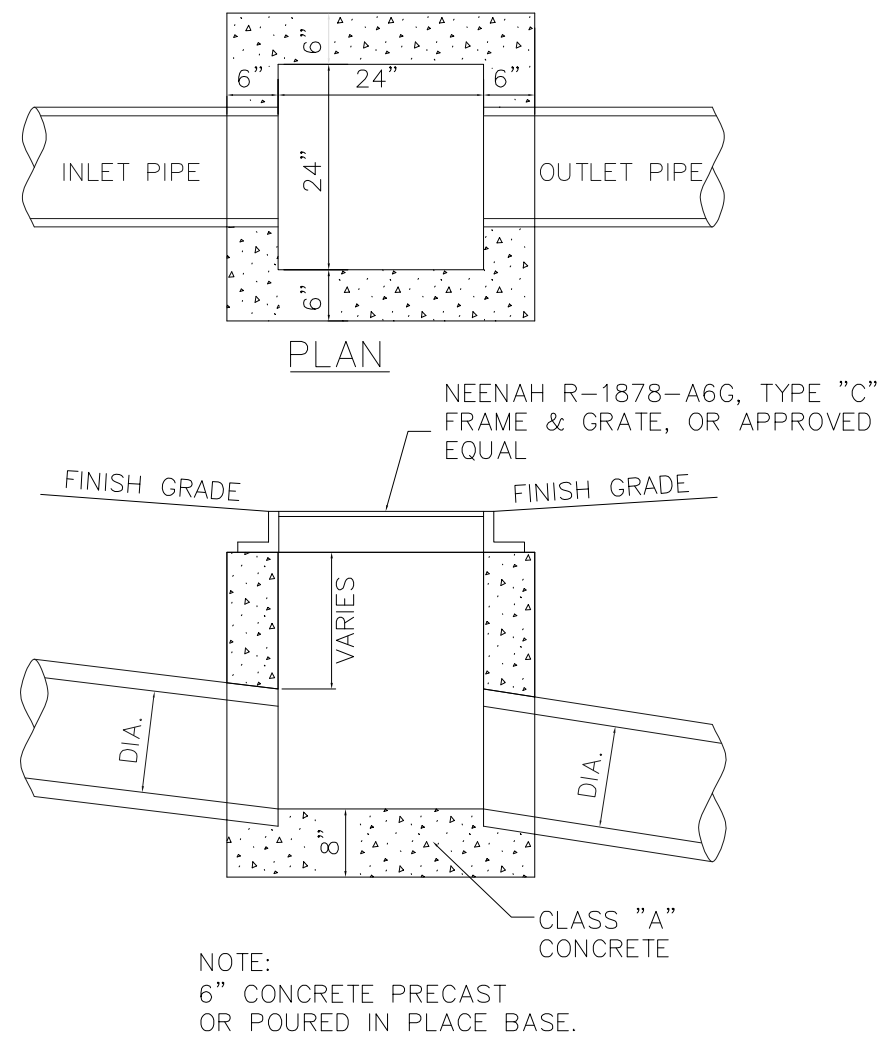
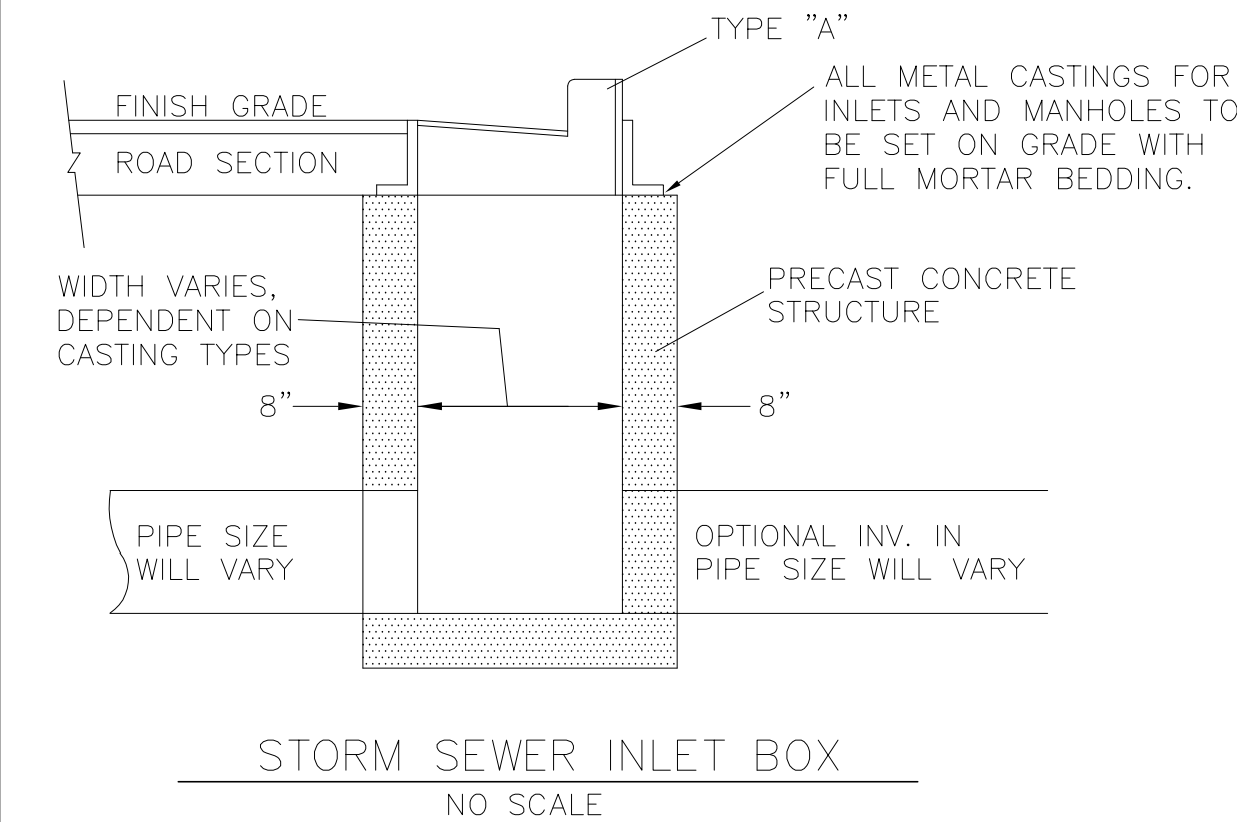
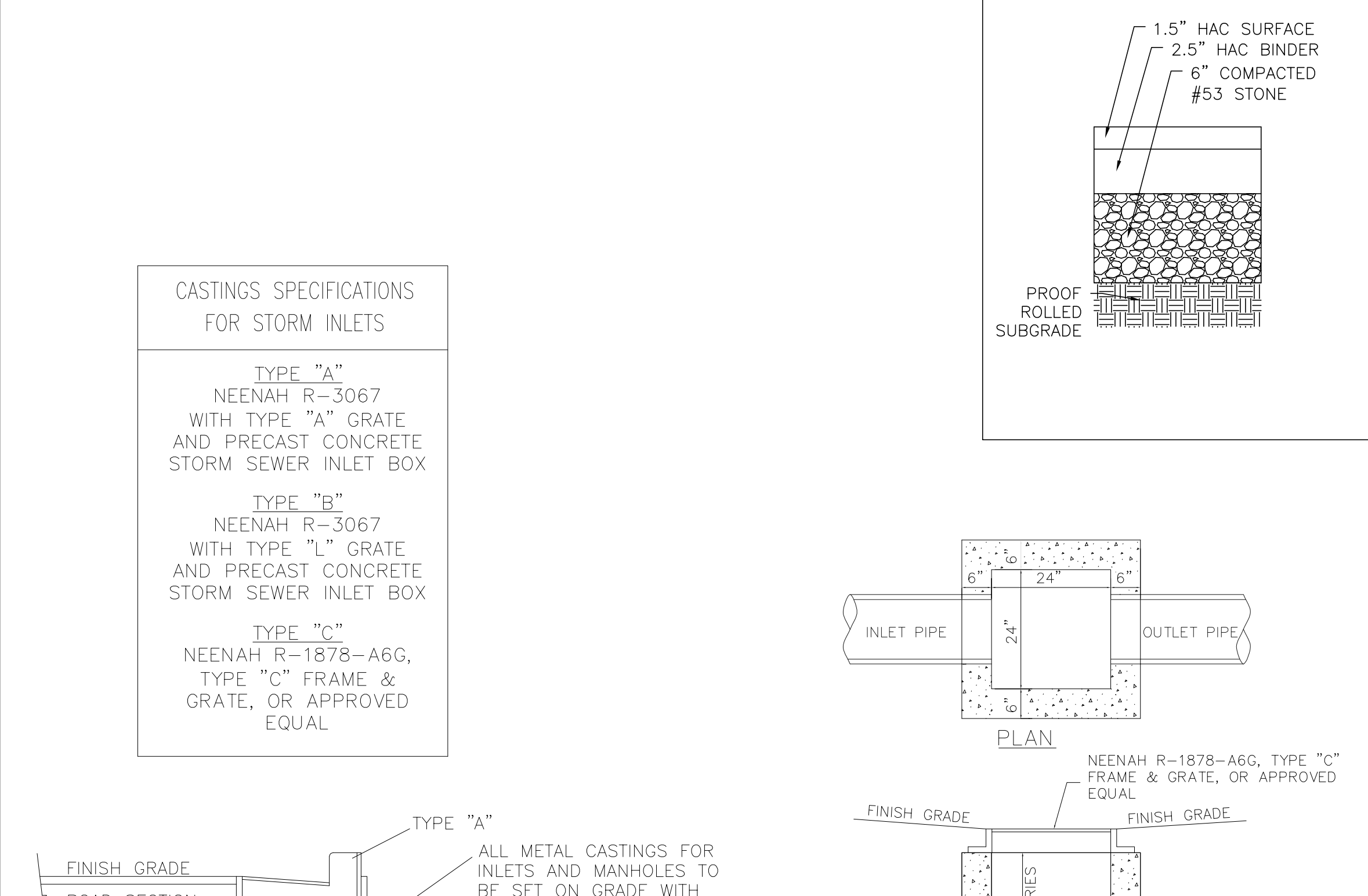
REGISTERED  
NO. 127000  
STATE OF INDIANA  
TIMOTHY J. COOPER  
LAND SURVEYOR



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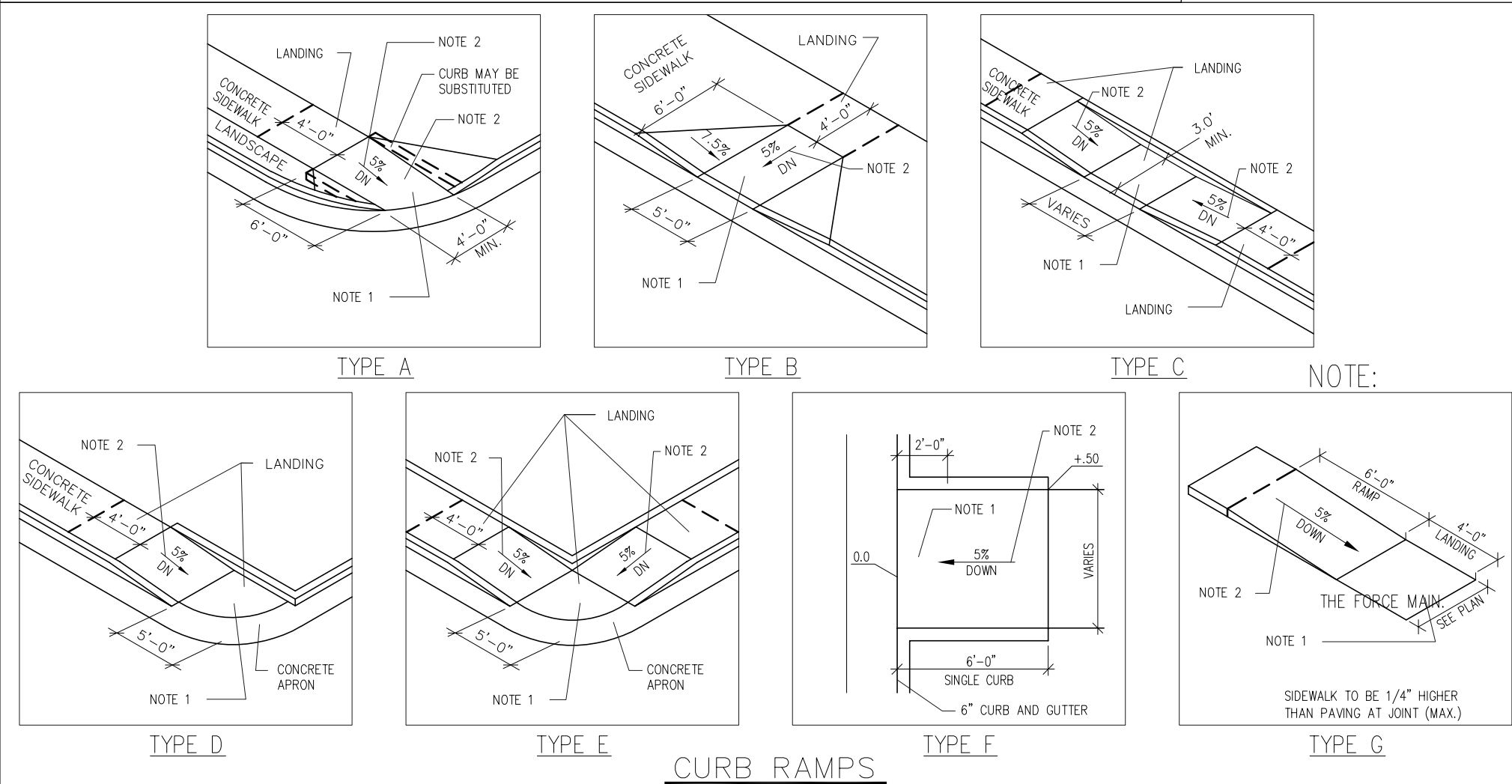
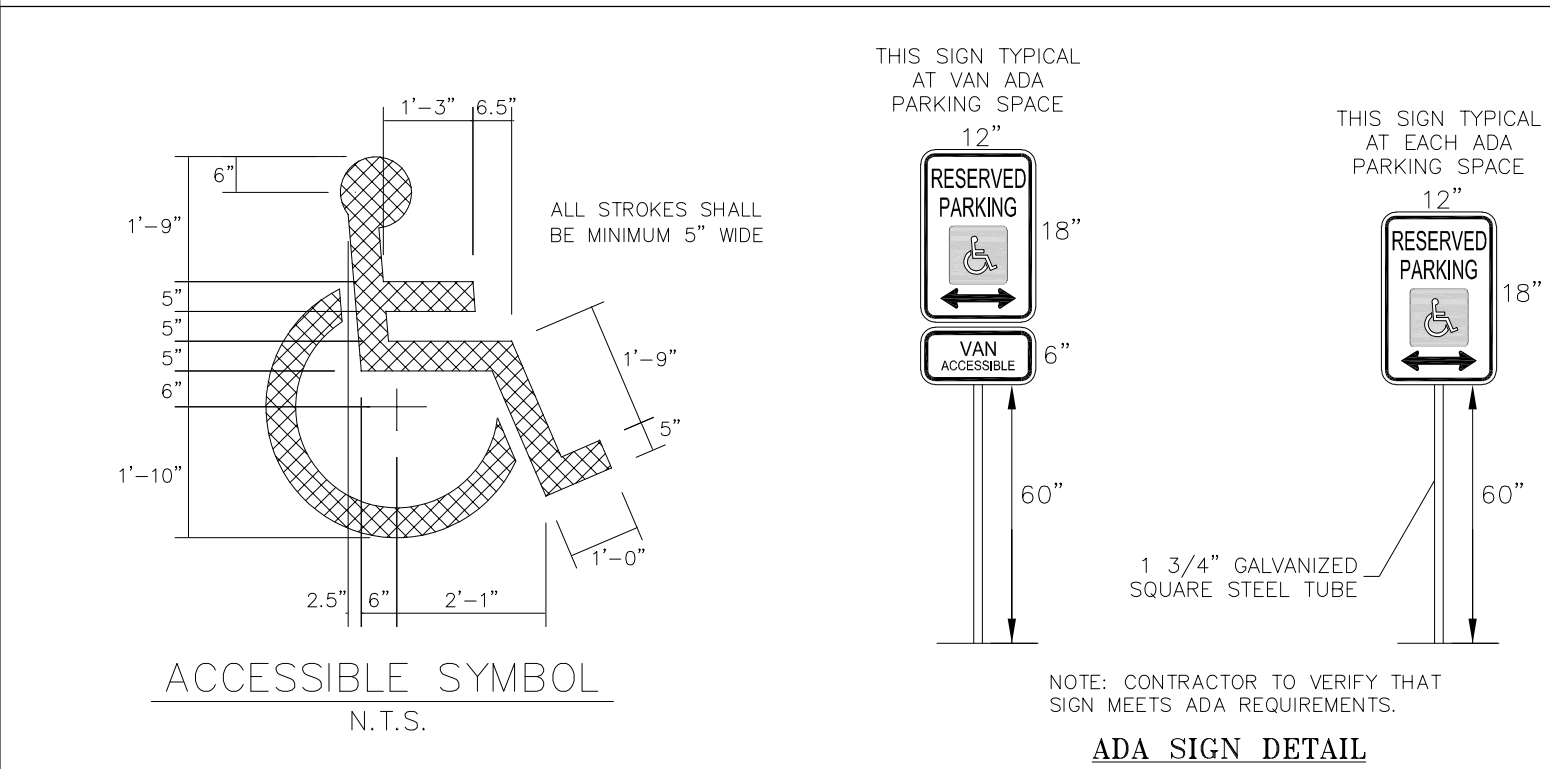
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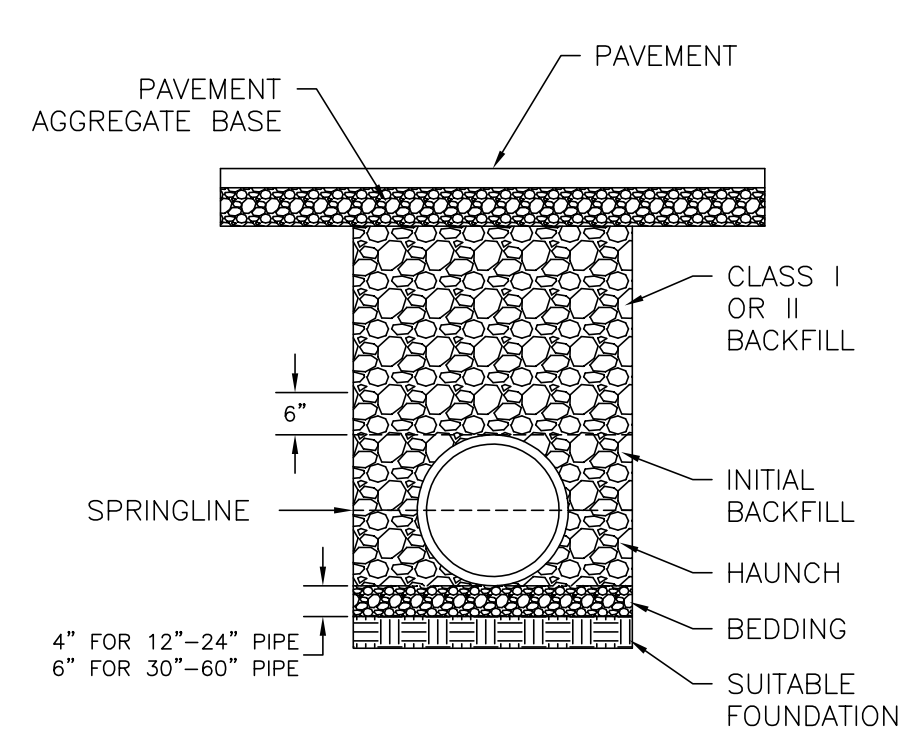
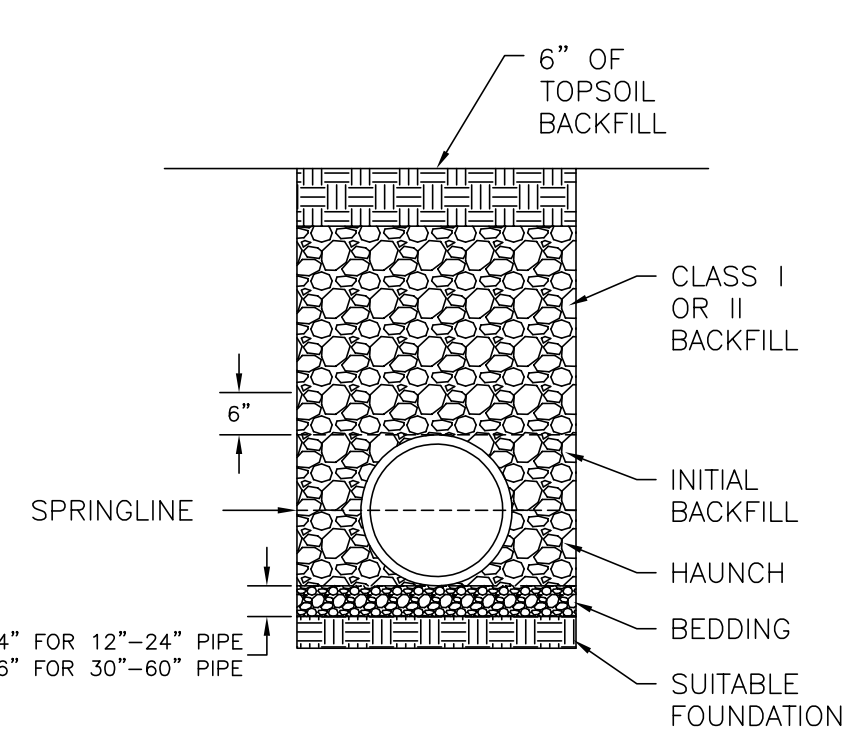
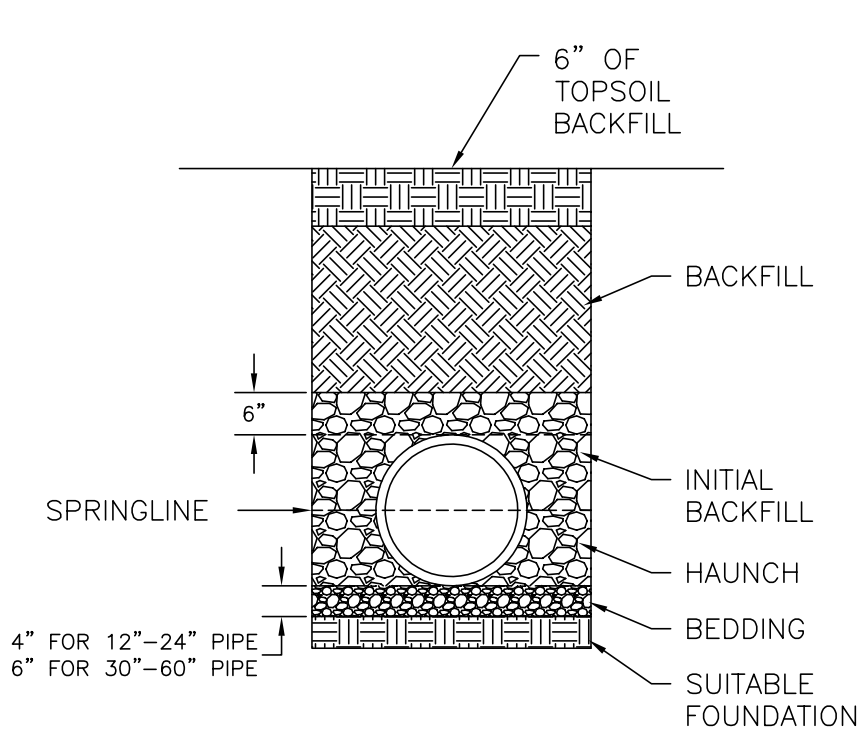


SECTION

INLET TYPE "C" (MODIFIED)  
(12"-18" PIPE)  
NTS

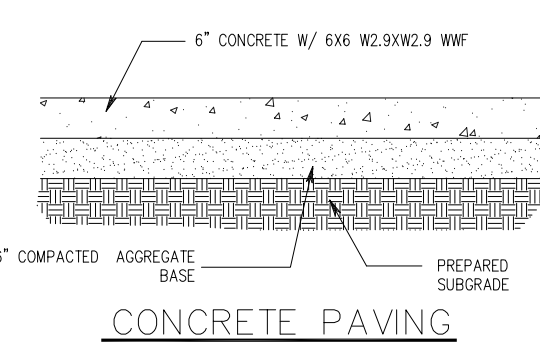
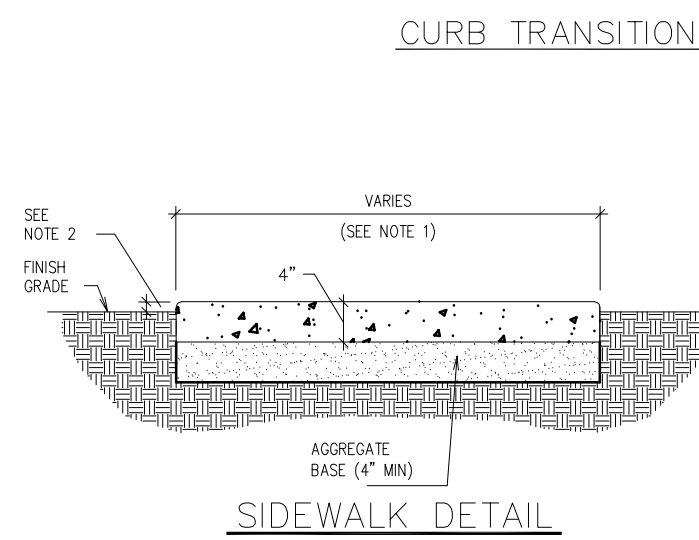
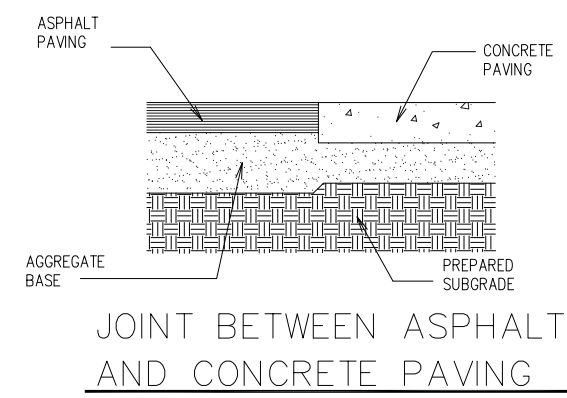
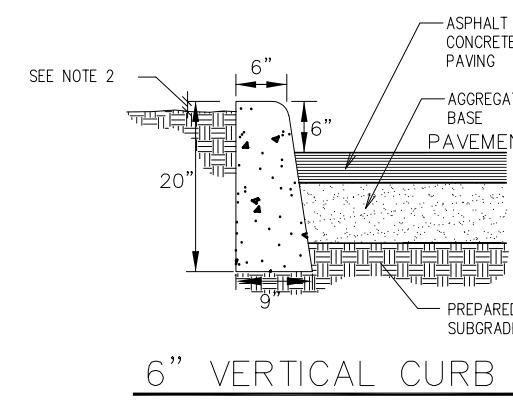
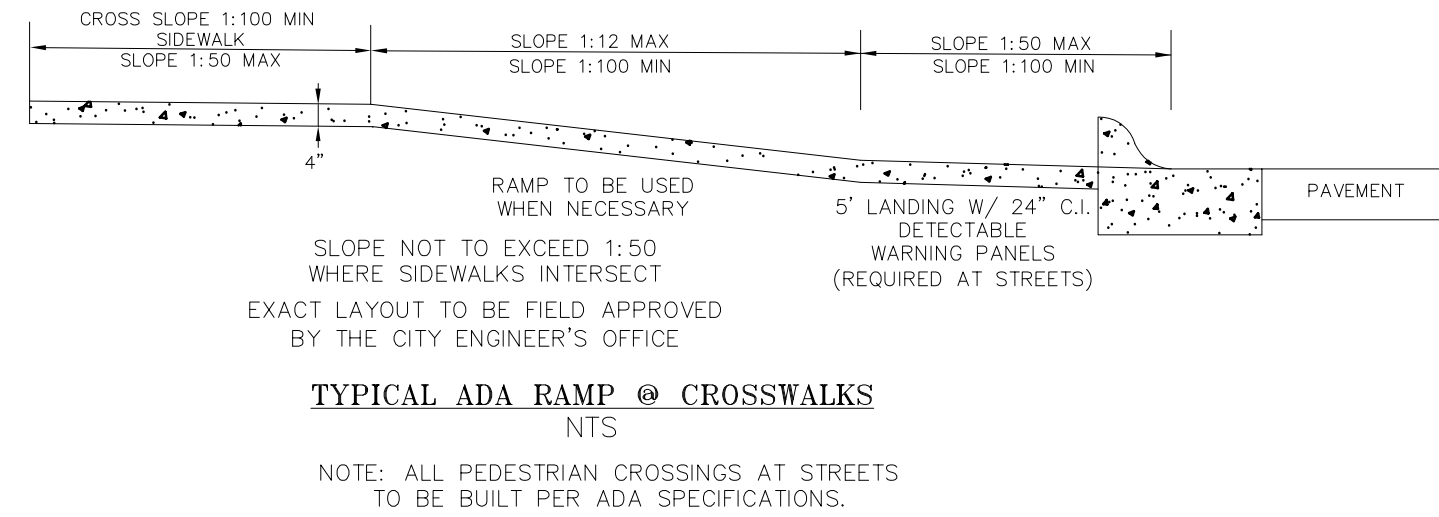
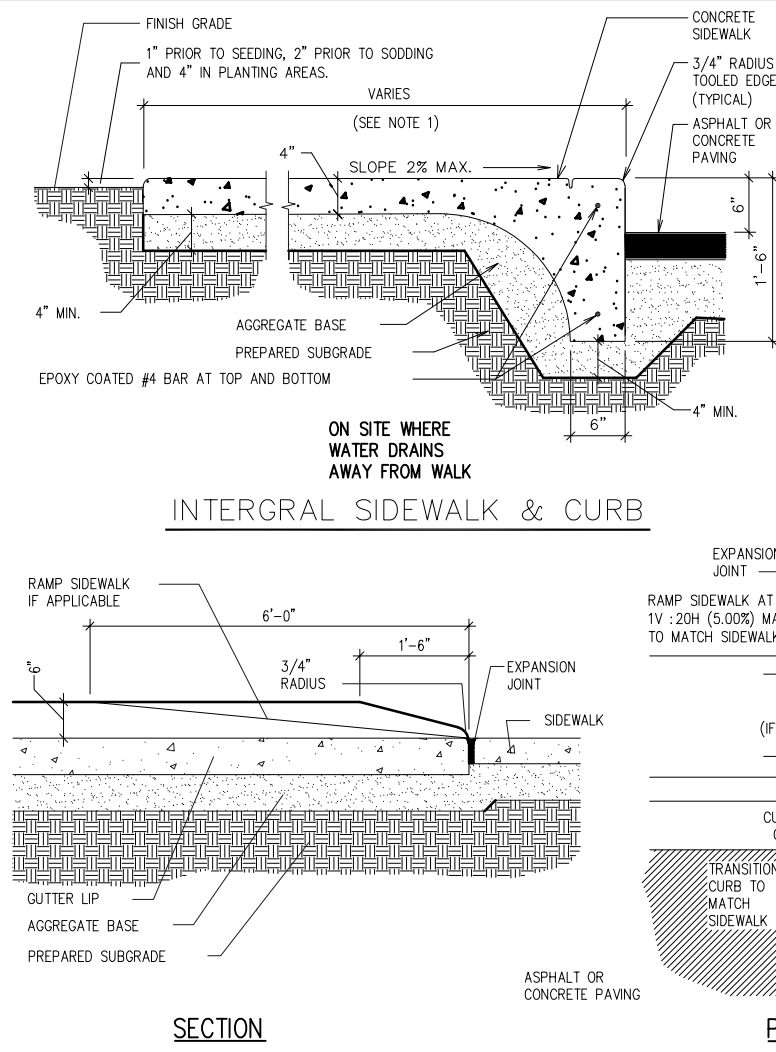
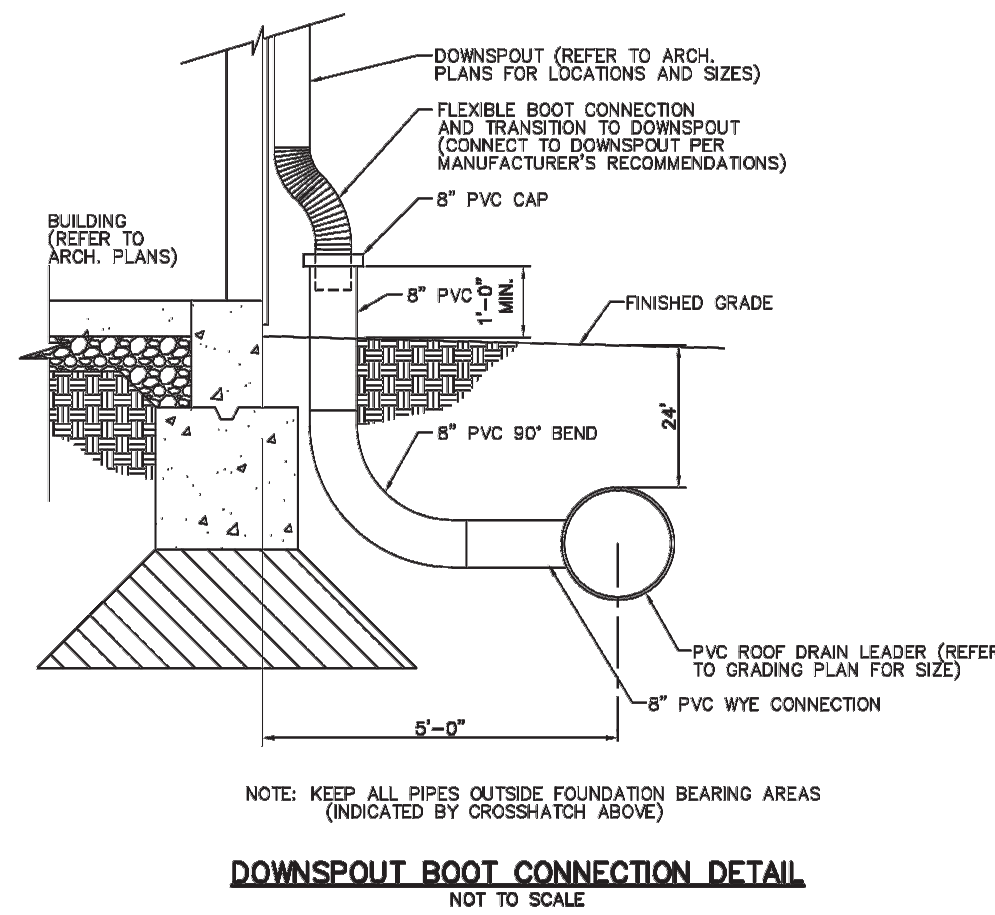


PIPE DIAM.	MIN. TRENCH WIDTH
4"	21"
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
60"	96"



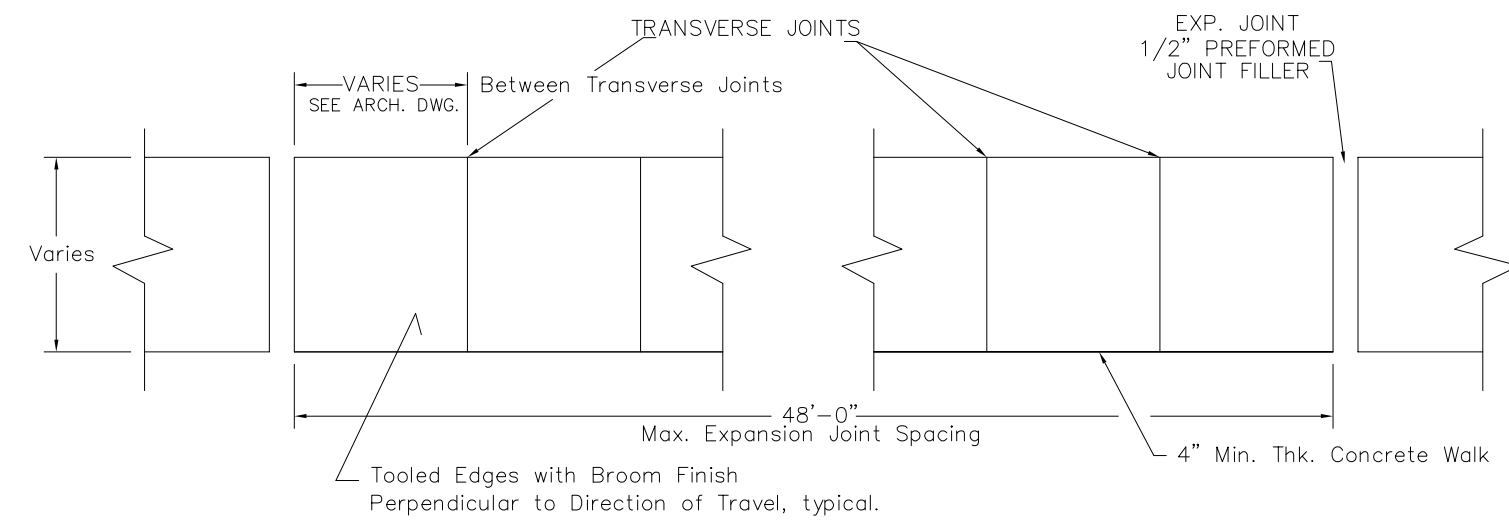
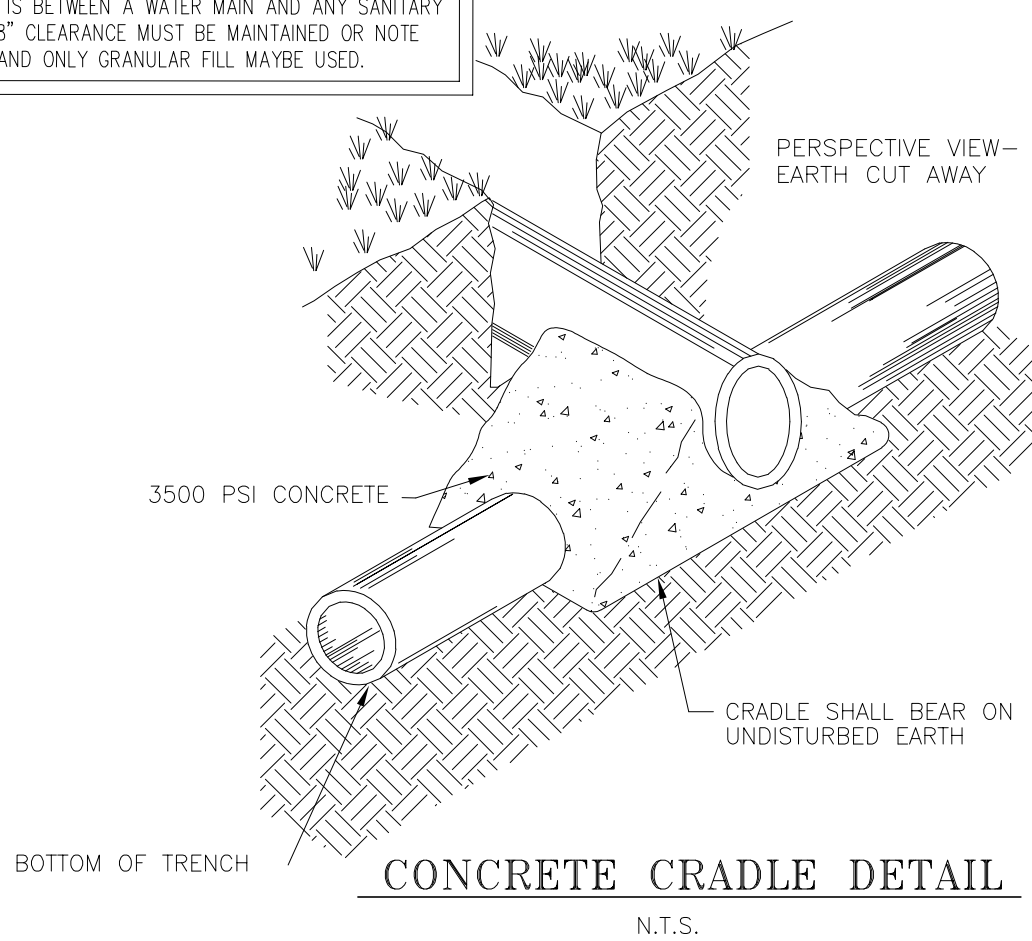
NOTES:

- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
- MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- FOUNDATION:** WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING:** SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 4"-24"; 6" FOR 30"-60".
- INITIAL BACKFILL:** SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER.
- MINIMUM COVER:** MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR TRAFFIC APPLICATIONS WITH LESS THAN FOUR FEET OF COVER, EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.



GENERAL NOTES

- SEE SITE PLAN FOR APRON, MOW STRIP AND SIDEWALK LOCATIONS AND WIDTHS.
- 1" PRIOR TO SEEDING, 2" PRIOR TO SOODING AND 4" IN PLANTING AREAS.
- EXPANSION JOINT MATERIAL SHALL BE RECESSED 1/4" WHERE SEALANT IS NOT APPLIED, AND 1/2" WHERE SEALANT IS APPLIED.
- EXTERIOR CONCRETE - USE 4,500 PSI. MIN. TYPE D IF EXPOSED TO FREEZING AND/OR DE-ICEERS.
- CONTRACTOR TO INSTALL EXPANSION AND CONTRACTION JOINTS AS REQUIRED PER THE SPECIFICATIONS.
- ALL AGGREGATES SHALL SATISFY ASTM AND DEPARTMENT OF TRANSPORTATION STRENGTH AND DURABILITY REQUIREMENTS. GRANITE AGGREGATES ARE PREFERRED BUT HIGH QUALITY LIMESTONE AGGREGATES ARE ACCEPTABLE. SEE SPECIFICATION.



SPECIFICATIONS

ASPHALT SHALL BE PRODUCED, HANDLED, AND PLACED IN ACCORDANCE WITH THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS (LATEST EDITION).

CONCRETE SHALL BE PRODUCED, HANDLED AND PLACED IN ACCORDANCE WITH THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATION (LATEST EDITION) AND SHALL CONSIST OF THE FOLLOWING:

- MAXIMUM SPACING BETWEEN LOAD TRANSFER JOINTS: 15 FEET FOR STREETS AND CURBS.
- MAXIMUM SPACING BETWEEN JOINTS: 100 FEET FOR STREET AND CURBS.
- MAXIMUM SPACING BETWEEN JOINTS FOR SIDEWALKS SHALL NOT EXCEED SIDEWALK WIDTH.
- AIR ENTRAINMENT: 5% MINIMUM

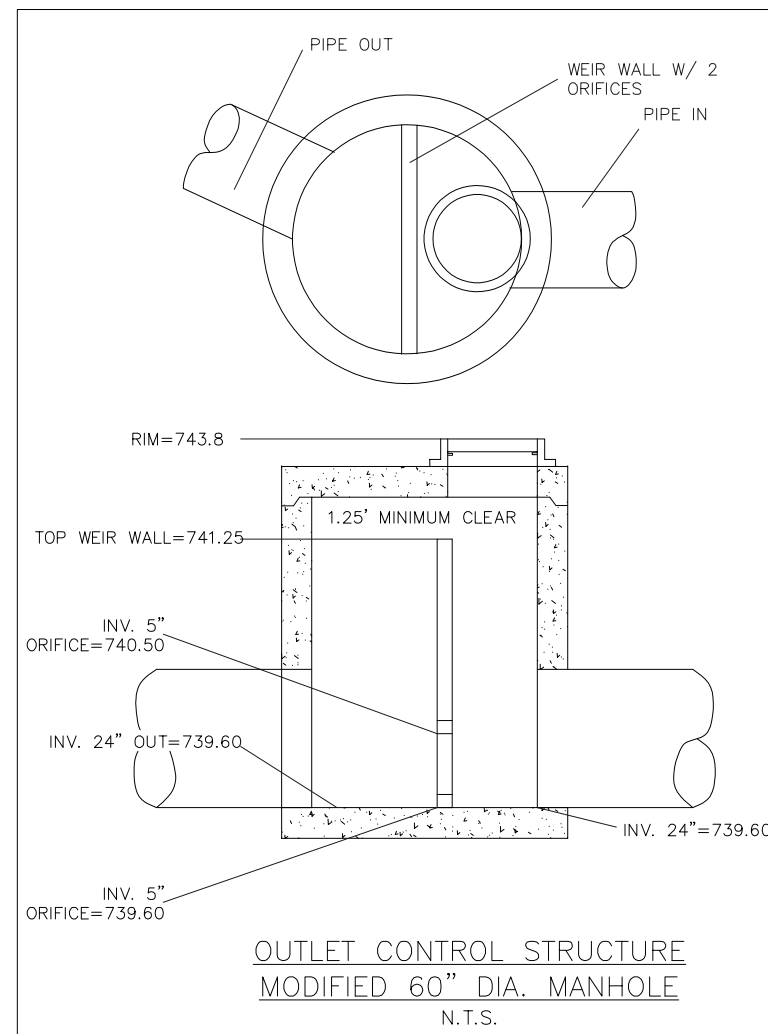
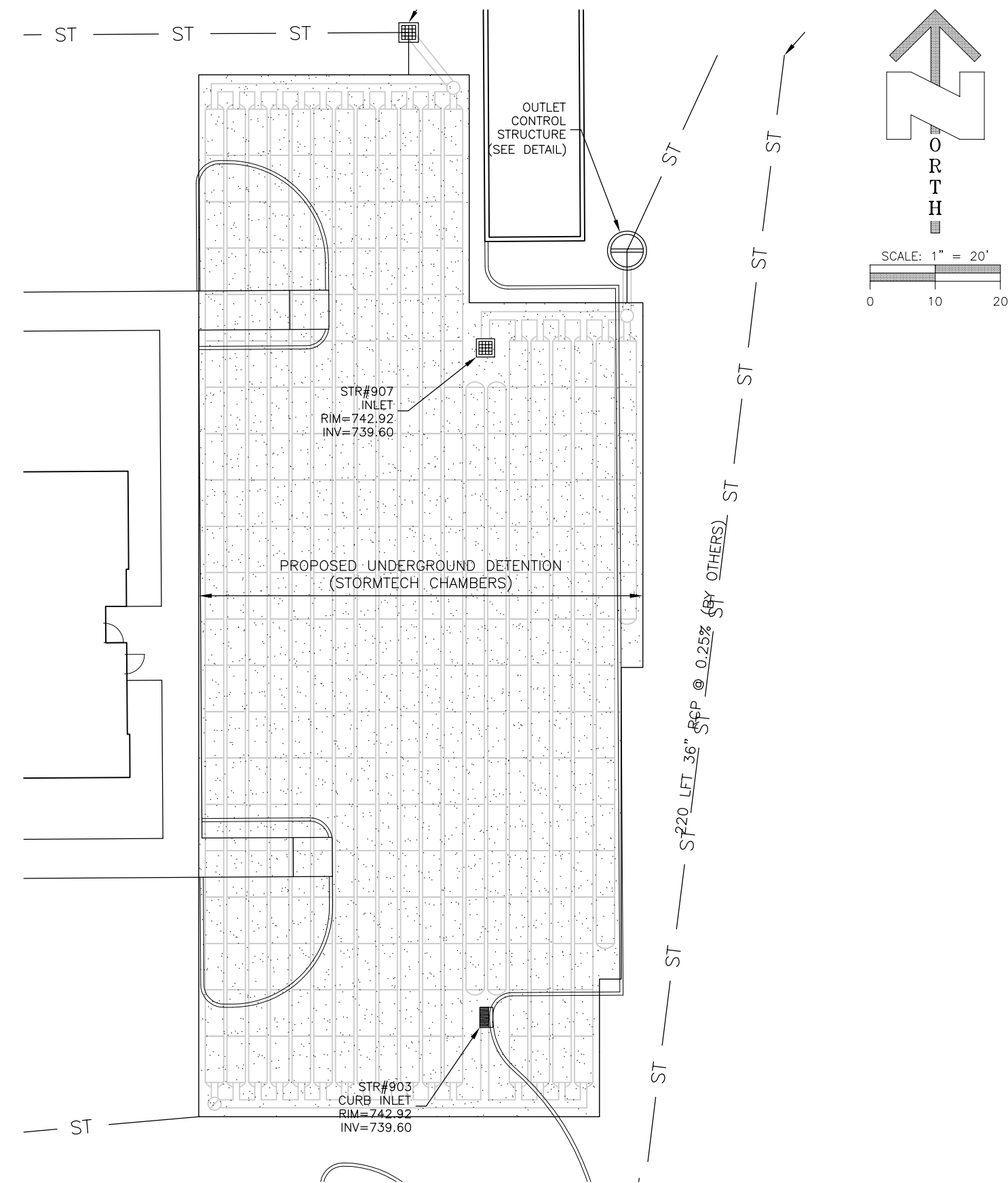
CONCRETE CURING COMPOUND:

AN ACRYLIC BASED LIQUID MEMBRANE FORMING CURING COMPOUND MEETING REQUIREMENTS OF ASTM C-1315 (TYPE I, CLASS A) SHALL BE APPLIED TO ALL NEW CONCRETE INSTALLED IN THE RIGHT OF WAY. CURING COMPOUND SHALL BE SPRAY APPLIED AT A RATE OF 300 SQUARE FEET PER GALLON WHEN CONCRETE HAS SET UP ENOUGH TO WALK ON WITHOUT MARRING, AND IN ALL CASES APPLIED ON THE SAME DAY AS THE NEW CONCRETE IS PLACED. CURING COMPOUND AND APPLICATION DEVICE SHALL BE KEPT AT OR ABOVE 50 DEGREES F AT ALL TIMES.

- PROVIDE DOUBLE THICKNESS OF EXPANSION JOINT MATERIAL AT EACH END OF CURB INLET CASTINGS.
- ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LATEST ADA SPECIFICATIONS.

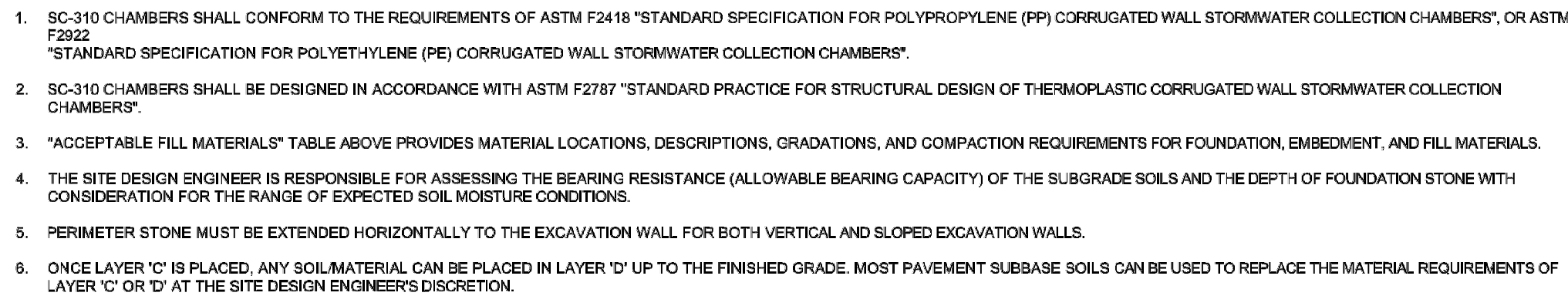
by	I
description	
date	I
rev. no.	I
PROJECT NAME	CLIENT: SPRAGUE COMPANIES HAMPTON INN FRANKLIN GATEWAY DEVELOPMENT FRANKLIN, INDIANA 46131
414 South Main Street Brownstown, Indiana 47220 Phone: 812-358-2882 Fax: 812-358-2605 3640 Commerce Drive Columbus, Indiana 47201 Phone: 812-372-0996 Fax: 812-372-0996	Independent Land Surveying www.isurveying.com
SHEET TITLE:	DETAILS
drawn by:	DEK
scale:	1"=20'
date:	JULY 12, 2018
job no.	17174
JAMES C. LEWIS REGISTERED NO. 107075 STATE OF INDIANA PROFESSIONAL SEAL	
THE STATE OF INDIANA LAND SURVEYOR	
SHEET	C104
17174 HOTEL SITE DESIGN.dwg	





**PLEASE NOTE:**

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY; THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE."
2. STORMTREC COMPACTION REQUIREMENTS ARE MET FOR "W" LOCATION MATERIALS WHEN PLACED AND COMPACTED IN A 6" (150 mm) IMAX LIFTS USING TWO FULL COVERSAGES WITH A VIBRATORY COMPACTOR OPERATING AT 1000 VIBRATIONS PER MINUTE. WHEN PLACED AND COMPACTED UNDER DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTREC FOR COMPACTION REQUIREMENTS.
- 3.

[illegible]



THE FOLLOWING WAS PREPARED TO ADDRESS THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT RULE FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AND OBTAIN A PERMIT FOR THIS PROJECT. THE SECTION AND SUB-ITEMS CORRESPOND TO THE CONSTRUCTION & STORMWATER POLLUTION PREVENTION PLAN TECHNICAL REVIEW AND COMMENT FORM AS ADMINISTERED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM). THE CONTRACTOR SHALL BE COMPLETELY AND SOLELY RESPONSIBLE TO ENSURE THAT THE CONSTRUCTION & STORMWATER POLLUTION PREVENTION PLAN IS IMPLEMENTED AND MAINTAINED THROUGHOUT THE PROJECT.

**SECTION A – CONSTRUCTION PLAN ELEMENTS**

A1. PLAN INDEX SHOWING LOCATIONS OF REQUIRED ITEMS:  
REFER TO SHEET EC1 – EROSION CONTROL FOR THE STORMWATER POLLUTION PREVENTION MEASURES AND LOCATIONS.

A2. 11x17 INCH PLAT SHOWING BUILDING LOT NUMBER/BOUNDARIES AND ROAD LAYOUT/NAMES:  
11x17 INCH PLAT BOUNDARIES ARE SHOWN ON SHEET C101 – EXISTING FEATURES AND TOPOGRAPHY.

A3. NARRATIVE DESCRIBING PROJECT NATURE AND PURPOSE:  
THIS PROJECT IS THE NEW CONSTRUCTION OF A HOTEL BUILDING AND PARKING LOT ALONG WITH ASSOCIATED UTILITIES ON THE SUBJECT LAND. THIS WILL INCLUDE THE CONSTRUCTION OF THE BUILDING AND THE INSTALLATION OF THE ENTRY DRIVE, PARKING AREAS, UTILITIES AND LANDSCAPING ASSOCIATED WITH THE BUILDINGS. THE RUNOFF HAS BEEN ACCOUNTED FOR THROUGH STORM INLETS, AND STORM SEWER PIPES DISCHARGING AT THE NORTHEAST CORNER OF THE PROPERTY.

A4. VICINITY MAP SHOWING PROJECT LOCATION:  
REFER TO THE VICINITY MAP ON SHEET C000 – TITLE SHEET.

A5. LEGAL DESCRIPTION:  
4.04 ACRE PARCEL (AUDITOR'S MAP #41-07-18-042-001,000-018) AS RECORDED IN INSTRUMENT #2012-004323, IN THE OFFICE OF THE RECORDER OF JOHNSON COUNTY INDIANA LOCATED IN THE SOUTH HALF OF SECTION 15, TOWNSHIP 12 NORTH, RANGE 9 EAST IN JOHNSON COUNTY, INDIANA.

A6. LOCATION OF ALL LOTS AND PROPOSED SITE IMPROVEMENTS:  
LOCATION OF ALL LOTS AND PROPOSED SITE IMPROVEMENTS ARE AS INDICATED ON SHEET C101 – SITE PLAN, SHEET C102 – GRADING PLAN, C103 – LANDSCAPING PLAN.

A7. HYDROLOGIC UNIT CODE: 05120204090070.

A8. NOTATION OF ANY STATE OR FEDERAL WATER QUALITY PERMITS:  
THERE APPEAR TO BE NO PERMITS REQUIRED RELATED TO WATER QUALITY AT THIS TIME.

A9. SPECIFIC POINTS WHERE STORMWATER DISCHARGE WILL LEAVE THE SITE:  
STORMWATER WILL BE CONVEYED BY STORM INLETS AND STORM SEWER PIPE AND DISCHARGED AT THE NORTHEAST CORNER OF THE SITE. STORMWATER FLOWS INTO AMITY DITCH AND EVENTUALLY INTO YOUNGS CREEK.

A10. LOCATION AND NAME OF ALL WETLANDS, LAKES, AND WATERCOURSES ON/OR ADJACENT TO THE SITE:  
THERE ARE NO IDEM APPOINTED WETLANDS AFFECTING THE CONSTRUCTION AREA.

A11. IDENTIFY ALL RECEIVING WATERS:  
STORMWATER RUNOFF FROM THE SITE IS EVENTUALLY CONVEYED INTO THE EAST FORK OF WHITE RIVER.

A12. IDENTIFICATION OF POTENTIAL DISCHARGES TO GROUNDWATER:  
THERE ARE NO KNOWN LOCATIONS.

A13. 100 YEAR FLOOD PLAINS, FLOODWAYS, AND FLOODWAY FRINGES:  
THIS SITE IS IN THE MAPPED FLOOD PLAIN (ZONE "X" UNSHADED (OUTSIDE 500 YEAR FLOOD PLAIN) ON THE NATIONAL FLOOD INSURANCE RATE MAP – PANEL NUMBER 1508100220, DATED AUGUST 2, 2007. ALL CONSTRUCTION, FILLING, GRADING OR ALTERATION OF THE MAPPED FLOOD PLAIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS IN THE FRANKLIN & JOHNSON COUNTY, INDIANA ZONING ORDINANCE AS PERIODICALLY AMENDED.

A14. PRE-CONSTRUCTION AND POST CONSTRUCTION ESTIMATE OF PEAK DISCHARGE:  
THE PRE-CONSTRUCTION TO 10 YEAR (1 HR.) RAINFALL YIELDS A DISCHARGE RATE OF APPROXIMATELY 1.21 CUBIC FEET PER SECOND (CFS). THE 10 YEAR (1 HR.) POST-CONSTRUCTION RAINFALL YIELDS A DISCHARGE RATE OF 0.28 CFS.

A15. ADJACENT LAND USE, INCLUDING UPSTREAM WATERSHED:  
RESIDENTIAL, SUBORDINATE TO THE NORTH, COMMERCIAL (BUILDINGS, PARKING, ETC.) TO THE SOUTH AND WEST; VACANT LAND (WOODED/AGRICULTURAL, FIELDS) TO THE EAST.

A16. LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS:  
THE LIMITS OF THE AREA TO BE PERMANENTLY SEEDED AS SHOWN ON THE SITE MAP ON SHEETS EC1 – EROSION CONTROL CONSTITUTES THE CONSTRUCTION LIMITS OF THIS SITE.

A17. IDENTIFICATION OF EXISTING VEGETATIVE COVER:  
SUBJECT LAND IS A GRASSED VACANT LOT. REFER TO SHEET C100 – EXISTING FEATURES AND TOPOGRAPHY.

A18. SOIL MAP INCLUDING DESCRIPTIONS AND LIMITATIONS:  
REFER TO SHEET EC1 – EROSION CONTROL FOR THE SOILS MAP AND SOIL PROPERTIES.

**SECTION A – CONSTRUCTION PLAN ELEMENTS (CONTINUED)**

- A19. LOCATION, SIZE AND DIMENSIONS OF PROPOSED STORMWATER SYSTEMS:  
REFER TO THE SHEET C102 – GRADING PLAN FOR THE PROPOSED STORM SEWER INFORMATION.
- A20. PLAN FOR ANY OFF-SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT: THERE ARE NO ADDITIONAL OFF-SITE CONSTRUCTION ACTIVITIES PLANNED.
- A21. LOCATIONS OF PROPOSED SOIL STOCKPILES, BORROW AND/OR DISPOSAL AREAS:  
NO STOCKPILE, BORROW OR DISPOSAL AREAS ARE ANTICIPATED.
- A22. EXISTING SITE TOPOGRAPHY AT AN INTERVAL APPROPRIATE TO SHOW DETAILED DRAINAGE PATTERNS:  
THE EXISTING SITE TOPOGRAPHY IS DEPICTED ON SHEET C100 – EXISTING FEATURES AND TOPOGRAPHY.
- A23. PROPOSED FINAL TOPOGRAPHY AT AN INTERVAL APPROPRIATE TO SHOW DETAILED DRAINAGE PATTERNS:  
PROPOSED FINAL TOPOGRAPHY IS DEPICTED ON SHEET C102 – GRADING PLAN.

**SECTION B – CONSTRUCTION COMPONENT**

- B1. DESCRIPTION OF POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH THE CONSTRUCTION ACTIVITIES:  
A. THE MOST ABUNDANT POLLUTANT CAUSED BY CONSTRUCTION WOULD BE SOIL SUSPENDED IN STORM WATER RUNOFF.  
B. FUEL, OILS, AND OTHER FLUIDS ASSOCIATED WITH THE CONSTRUCTION EQUIPMENT COULD POSSIBLY RUNOFF AS WELL.  
C. TRASH ASSOCIATED WITH HUMAN ACTIVITY, INCLUDING CONSTRUCTION MATERIALS.  
D. WASTE CONCRETE LEFT IN THE CONCRETE WASHOUT.
- B2. SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION RELATIVE TO LAND DISTURBING ACTIVITIES:  
GRAVEL CONSTRUCTION ENTRY AND SILT FENCE WILL BE INSTALLED PRIOR TO ANY CONSTRUCTION. INLET PROTECTION WILL BE INSTALLED AS STORM STRUCTURES ARE INSTALLED. TOPSOIL WILL BE STRIPPED AND STOCKPILED WITH SILT FENCE INSTALLED AROUND THE PERIPHERY. TEMPORARY SEEDING SHALL OCCUR AS NECESSARY AND SPELLED OUT IN THE SCHEDULE.
- B3. STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS:  
REFER TO THE SITE MAP ON SHEET EC1 – EROSION CONTROL AND THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE DETAIL ON SHEET EC2 – EROSION CONTROL FOR THE LOCATION AND SIZE OF THE CONSTRUCTION ENTRANCE.
- B4. SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS:  
A COMBINATION OF SILT FENCE AND EXISTING GRASS SURFACES ARE PROPOSED TO CONTROL EROSION FROM SHEET FLOW AREAS. SEE THE SITE MAP ON SHEET EC1 – EROSION CONTROL FOR THE LOCATION OF THE SILT FENCES AND SHEET EC2 – EROSION CONTROL FOR DETAILS AND SPECIFICATIONS.
- B5. SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS:  
CONCENTRATED FLOW OCCURS AT THE TAIL END OF THE OUTLET CULVERTS AND IN CHANNELS. STABILIZATION WILL OCCUR WITH RIP RAP OUTFALLS TO DISAPATE RUNOFF. SEE THE SITE MAP ON SHEET EC1 – EROSION CONTROL FOR THE LOCATION OF THE RIP RAP OUTFALLS AND SHEET EC2 – EROSION CONTROL FOR DETAILS AND SPECIFICATIONS.
- B6. STORM SEWER INLET PROTECTION MEASURE LOCATION AND SPECIFICATIONS:  
REFER TO THE SITE MAP ON SHEET EC1 – EROSION CONTROL AND THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE DETAIL ON SHEET EC2 – EROSION CONTROL FOR THE LOCATION AND SIZE OF THE CONSTRUCTION ENTRANCE.
- B7. RUNOFF CONTROL MEASURES:  
RUNOFF CONTROL MEASURES (DIVERSION DITCHES, SLOPE DRAINS, GRADE BREAKS) ARE NOT APPLICABLE TO THIS PROJECT. ROCK CHECK DAMS WILL BE USED IN EXISTING AND PROPOSED SWALES AND DITCHES. SEE THE SITE MAP ON SHEET EC1 – EROSION CONTROL FOR THE LOCATION OF THE ROCK CHECK DAMS AND SHEET EC2 – EROSION CONTROL FOR DETAILS AND SPECIFICATIONS.
- B8. STORMWATER OUTLET PROTECTION SPECIFICATIONS:  
ALL PROPOSED PIPE OUTLETS WILL UTILIZE AN END SECTION AND RIP RAP OUTFALL APPROPRIATE TO THE PIPE SIZE AND DISCHARGE, INSTALLED AS SHOWN ON SHEET C102 – GRADING PLAN, AND PROTECTED AS SHOWN ON THE SITE MAP ON SHEET EC1 – EROSION CONTROL AND THE DETAILS ON SHEET EC2 – EROSION CONTROL.
- B9. GRADE STABILIZATION STRUCTURE LOCATIONS AND SPECIFICATIONS:  
EROSION CONTROL FABRIC AND RIP RAP ARMORING WILL BE USED TO STABILIZE PROBLEM AREAS. THESE AREAS WILL BE ASSESSED ON A CASE BY CASE BASIS.
- B10. LOCATION, DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE:  
EACH ELEMENT TO BE IMPLEMENTED AS A PART OF THIS PLAN IS SHOWN ON SHEETS EC1 – EROSION CONTROL AND THE DETAILS ON SHEET EC2 – EROSION CONTROL. DETAILS ARE PROVIDED AND ARE TO BE ADHERED TO.

**SECTION B – CONSTRUCTION COMPONENT (CONTINUED)**

- B11. TEMPORARY SURFACE STABILIZATION METHODS APPROPRIATE FOR EACH SEASON:  
TEMPORARY SURFACE STABILIZATION WILL BE REQUIRED ON ANY BARE AREA THAT IS SCHEDULED TO REMAIN INACTIVE FOR MORE THAN 15 DAYS. REFER TO THE "SEASONAL SOIL PROTECTION CHART" SHOWN ON SHEET EC2 – EROSION CONTROL.
- B12. PERMANENT SURFACE STABILIZATION SPECIFICATIONS:  
REFER TO THE SITE MAP ON SHEET EC1 – EROSION CONTROL AND THE DETAILS ON SHEET EC2 – EROSION CONTROL FOR SPECIFICATIONS.
- B13. MATERIAL HANDLING AND SPILL PREVENTION PLAN:  
ALL MATERIALS ON-SITE WILL BE HANDLED PER THE REQUIREMENTS OF THE MSDS SHEETS. THE CONTRACTOR SHALL HAVE AN EMERGENCY SPILL CLEAN-UP KIT ON SITE FOR RECOVERY OF PETROLEUM PRODUCT SPILLS AT ALL TIMES. IF A REPORTABLE AMOUNT OF SEDIMENT LADEN WATER OR OTHER POLLUTANT IS ALLOWED TO LEAVE THE SITE, THE CONTRACTOR IS OBLIGATED TO NOTIFY IDEM'S SPILL LINE AT (317) 233-7745 WITHIN 24 HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINES AND ANY LIABILITY ASSOCIATED WITH SUCH AN EVENT. SEDIMENT LADEN WATER, WHICH OTHERWISE WOULD FLOW FROM THE PROJECT SITE, SHALL BE TREATED BY EROSION AND SEDIMENT CONTROL MEASURES APPROPRIATE TO MINIMIZE SEDIMENTATION. ALL WATER (INCLUDING STORMWATER, GROUNDWATER, OR ANY OTHER WATER) THAT LEAVES THE CONSTRUCTION SITE MUST HAVE A TOTAL SUSPENDED SOLIDS LEVEL OF LESS THAN 50 PARTS PER MILLION OR HAVE NO VISIBLE SEDIMENT. THIS CAN BE DETERMINED ON SITE BY TAKING A SETTLEABLE SOLIDS SAMPLE WITH AN IMHOFF CONE WITH A RESULT OF LESS THAN 0.5 MI. PER LITER. IF IT SHOULD BE EXPECTED THAT ALL MATERIALS NECESSARY TO CONSTRUCT THE PROPOSED SITE IMPROVEMENTS WILL BE ENCOUNTERED ON SITE AT ONE TIME OR ANOTHER, ALL MATERIALS THAT APPEAR ON SITE WILL BE ACCOMPANIED WITH MSDS SHEETS IN ACCORDANCE WITH OSHA GUIDELINES AND THE CODE OF FEDERAL REGULATION (CFR). MSDS SHEETS PROVIDE AMONG OTHER THINGS, THE PROCEDURES FOR CLEAN-UP OF SPILLS AND LEAKS. GUMSTERS WILL BE PROVIDED FOR DISPOSAL OF ALL WASTE AS NEEDED AND A CONCRETE WASH OUT AREA WILL BE FACILITATED AND MAINTAINED THROUGHOUT THE PROJECT. REFER TO ITEM B1 FOR ABOVE FOR ADDITIONAL INFORMATION.
- B14. MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED POLLUTION PREVENTION MEASURE:  
MONITORING AND MAINTENANCE OF ALL POLLUTION PREVENTION MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INSPECT ALL MEASURES AT LEAST ONCE A WEEK AND AFTER EACH STORM EVENT. THE CONTRACTOR SHALL PREPARE A WRITTEN REPORT FOR EACH INSPECTION NOTING CONDITIONS AND MAINTENANCE PROVIDED. A COPY OF EACH REPORT SHALL BE KEPT ON FILE AT THE PROJECT SITE.

**TEMPORARY CONSTRUCTION ROAD MAINTENANCE:**

- INSPECT DAILY
- RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
  - TOP-DRESS WITH CLEAN AGGREGATE AS NEEDED.
  - IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS.
  - FLUSHING SHOULD ONLY BE USED IF THE WATER FROM THE CONSTRUCTION DRIVE CAN BE CONVEYED INTO A SEDIMENT TRAP OR BASIN.

**TEMPORARY SEEDING:**

- INSPECT WITHIN 24 HOURS OF EACH RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS
- CHECK FOR EROSION OR MOVEMENT OF MULCH AND REPAIR IMMEDIATELY.
  - MONITOR FOR EROSION DAMAGE AND ADEQUATE COVER (80 PERCENT DENSITY; RESEED, FERTILIZE, AND APPLY MULCH WHERE NECESSARY.
  - IF NITROGEN DEFICIENCY IS APPARENT, TOP-DRESS FALL SEEDING WHEAT OR RYE SEEDING WITH 50 POUNDS PER ACRE OF NITROGEN IN FEBRUARY OR MARCH.

**EROSION CONTROL BLANKET:**

- INSPECT WITHIN 24 HOURS OF EACH RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS
- CHECK FOR EROSION OR DISPLACEMENT OF THE BLANKET
  - IF ANY AREA SHOWS EROSION, PULL BACK THAT PORTION OF THE BLANKET COVERING THE ERODED AREA, ADD SOIL AND TAMP, RESEED THE AREA, REPLACE AND STAPLE THE BLANKET.

**ROCK CHECK DAM:**

- INSPECT WITHIN 24 HOURS OF EACH RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
- IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, INSTALL AN EROSION-RESISTANT LINER IN THAT PORTION OF THE CHANNEL.
  - REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE DAM TO MAINTAIN CHANNEL CAPACITY, ALLOW DRAINAGE THROUGH THE DAM, AND PREVENT LARGE FLOW FROM DISPLACING SEDIMENT.
  - ADD RIPRAP AND AGGREGATE AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION OF THE DAMS.
  - WHEN DAMS ARE NO LONGER NEEDED, REMOVE THE RIPRAP AND AGGREGATE AND STABILIZE THE CHANNEL, USING AN EROSION-RESISTANT LINING IF NECESSARY. (RIPRAP AND AGGREGATE FROM THE DAM MAY BE REMOVED OR UTILIZED TO STABILIZE THE CHANNEL.)

**DRIP INLET PROTECTION:**

- INSPECT DAILY
- REMOVE SEDIMENT WHEN POOL AREA IS APPROXIMATELY ONE-HALF FULL OF SEDIMENT.
  - REMOVE AND REPLACE AGGREGATE IF SEDIMENT HINDERS DRAINAGE.
  - ONCE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, REMOVE SEDIMENT, SEAL WEEP HOLES, FILL BASIN WITH SOIL, COMPACT AND GRADE TO FINISHER ELEVATION AND STABILIZE.

**SECTION B – CONSTRUCTION COMPONENT (CONTINUED)**

- B14. MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED POLLUTION PREVENTION MEASURE:

**SILT FENCE:**

- INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
  - IF FENCE FABRIC TEARS, STARTS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY. NOTE: ALL REPAIRS SHOULD MEET SPECIFICATIONS AS OUTLINED WITHIN THIS MEASURE.
  - REMOVE DEPOSITED SEDIMENT WHEN IT IS CAUSING THE FILTER FABRIC TO BULGE OR WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FENCE AT ITS LOWEST POINT, WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND SEDIMENT DEPOSITS, GRADE THE SITE TO BLEND WITH THE SURROUNDING AREA, AND STABILIZE.
- CONCRETE WASHOUT:**
- ALL CONCRETE SHALL BE DISPOSED OF IN THE DESIGNATED AREA. THIS AREA SHALL BE INSPECTED ON A DAILY BASIS AS A MINIMUM, WHEN THIS AREA BECOMES FULL, THE POLLUTANTS SHALL BE EXCAVATED, PLACED IN AN ACCEPTABLE CONTAINER AND DISPOSED OF IN A PROPER MANNER.

- B15. EROSION & SEDIMENT CONTROLS SPECIFICATIONS FOR INDIVIDUAL BUILDING LOTS:  
THIS ITEM DOES NOT APPLY TO THIS PROJECT.

**SECTION C – POST CONSTRUCTION COMPONENT**

- C1. DESCRIPTION OF POLLUTANTS AND THEIR SOURCES ASSOCIATED WITH THE PROPOSED LAND USE:  
THE MAIN POST CONSTRUCTION POLLUTANTS WILL COME FROM THE PROPOSED ACCESS DRIVES AND PARKING LOT. THE POLLUTANTS MAY INCLUDE FUEL, OIL, ANTIFREEZE, SUSPENDED SOLIDS, NITROGEN, PHOSPHORUS, COPPER, LEAD, AND ZINC.
- C2. SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION:  
THE POST CONSTRUCTION STORMWATER QUALITY MEASURES WILL BE INSTALLED AS PART OF AND DURING CONSTRUCTION OF THE STORMWATER COLLECTION AND CONVEYANCE SYSTEM AND THE FINAL VEGETATION OF THE SITE.
- C3. DESCRIPTION OF PROPOSED POST CONSTRUCTION STORMWATER QUALITY MEASURES:  
STORMWATER WILL BE CONVEYED BY STORM INLETS AND STORM SEWER PIPE TO A UNDERGROUND DETENTION FACILITY AND DISCHARGED AT THE NORTHEAST CORNER OF THE SITE.
- C4. LOCATION, DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE:  
REFER TO SHEET C101 – SITE LAYOUT, SHEET EC1 – EROSION CONTROL, AND SHEET EC2 – EROSION CONTROL FOR RELATED DESIGN AND DETAILS.
- C5. DESCRIPTION OF MAINTENANCE GUIDELINES FOR PROPOSED POST CONSTRUCTION WATER QUALITY MEASURES:  
A. THE PROPOSED VEGETATED WATERWAYS ARE TO BE MAINTAINED REGULARLY AND THE VEGETATION IS TO REMAIN HEALTHY.  
B. TYPICAL PROPERTY MAINTENANCE AND UPKEEP SHOULD KEEP VEGETATION HEALTHY SUCH AS SEEDING AND TRIMMING OF VEGETATION.  
C. SEE THE DAM MANUAL – NOT INCLUDED IN THESE PLANS (SUBMITTED SEPARATELY), ADDRESSING THE OPERATION AND MAINTENANCE OF THE STRUCTURAL DAMS AND DETENTION PONDS.

**SOIL DESCRIPTIONS**

BR-BROOKSTON SILTY CLAY LOAM  
THIS NEARLY LEVEL SOIL IS ON BROAD FLATS AND IN DEPRESSIONS AND NARROW DRAINAGeways BETWEEN BETTER DRAINED SOILS ON BROAD PLAINS. MOST AREAS ARE IRREGULARLY SHAPED BUT SOME ARE ELONGATED OR ROUNDED. AREAS OF THIS SOIL RANGE FROM 2 TO 200 ACRES. SLOPES ARE 0 TO 2 PERCENT.  
INCLUDED WITH THIS SOIL IN MAPPING ARE SMALL AREAS OF SOMEWHAT POORLY DRAINED CROSBY SOILS AND SHOALS SOILS, SMALL AREAS OF VERY POORLY DRAINED SLOAN SOILS, SMALL AREAS OF BROOKSTON SOILS THAT HAVE A SURFACE LAYER OF GRAYISH BROWN OR BROWNISH GRAY SILT LOAM 10 TO 20 INCHES THICK, AND SMALL AREAS OF VERY POORLY DRAINED SOILS THAT HAVE THIN DISCONTINUOUS STRATA OF LOAMY SAND SANDY LOAM AND LOAM IN THE UNDERLYING SILT MATERIAL. ALSO INCLUDED ARE SMALL, ISOLATED, UNDRAINED WET AREAS. THESE AREAS ARE SHOWN ON THE MAP BY A SPECIAL SYMBOL.  
RUNOFF IS VERY SLOW OR PONDED. WETNESS IS THE MAIN LIMITATION TO USE OF THIS SOIL AND IS A SEVERE LIMITATION FOR MOST NONFARM USES. IF ADEQUATELY DRAINED, THIS SOIL IS WELL SUITED TO CORN AND SOYBEANS. MOST AREAS ARE CULTIVATED. A FEW AREAS ARE WOODED. WOODED AREAS HAVE FAIR STANDS OF HARDWOOD TREES BUT SOME HAVE BEEN HEAVILY PASTURED. CAPABILITY UNIT Iw-1; WOODLAND SUITABILITY SUBCLASS 2W.  
BUILDING SITE DEVELOPMENT (TABLE 4):  
SHALLOW EXCAVATIONS – SEVERE; WETNESS  
SMALL COMMERCIAL BUILDINGS – SEVERE; WETNESS  
LOCAL ROADS AND STREETS – SEVERE; WETNESS, FROST ACTION  
CRA-CROSBY SILT LOAM, 0 TO 2 PERCENT SLOPES  
THIS NEARLY LEVEL SOIL IS ON BROAD PLAINS, ON RIDGETOPS IN ROLLING AREAS, AND IN LOW DRAINAGeways. MOST AREAS ARE IRREGULARLY SHAPED, BUT SOME ON RIDGETOPS ARE LONG AND NARROW. AREAS OF THIS SOIL RANGE FROM 2 TO 150 ACRES. THIS SOIL HAS THE PROFILE DESCRIBED AS REPRESENTATIVE OF THE SERIES.  
INCLUDED WITH THIS SOIL IN MAPPING ARE SMALL AREAS OF VERY POORLY DRAINED BROOKSTON SOILS IN DEPRESSIONS AND NARROW WATER COURSES, SMALL AND INTRICATELY ASSOCIATED AREAS OF SOMEWHAT POORLY DRAINED SOILS CONTAIN LESS CLAY IN THE SUBSOIL THAN THIS CROSBY SOIL, AND SMALL AREAS OF SOILS THAT HAVE CALCREOUS UNDERLYING MATERIAL AT A DEPTH OF LESS THAN 24 INCHES.  
RUNOFF IS SLOW. WETNESS IS THE MAIN LIMITATION TO USE OF THIS SOIL IF ADEQUATELY DRAINED, THIS SOIL IS WELL SUITED TO CORN, SOYBEANS, AND MOST SMALL GRAIN AND MEADOW CROPS. BECAUSE OF WETNESS AND SLOW PERMEABILITY THIS SOIL HAS SEVERE LIMITATIONS FOR MOST NONFARM USES. MOST AREAS ARE FARMED. THE FEW WOODED AREAS HAVE FAIR STANDS OF HARDWOOD TREES BUT SOME HAVE BEEN HEAVILY PASTURED. CAPABILITY UNIT Iw-2; WOODLAND SUITABILITY SUBCLASS 3W.  
BUILDING SITE DEVELOPMENT (TABLE 4):  
SHALLOW EXCAVATIONS – SEVERE; WETNESS  
SMALL COMMERCIAL BUILDINGS – MODERATE; WETNESS, SHRINK-SWELL, LOW STRENGTH  
LOCAL ROADS AND STREETS – SEVERE; FROST ACTION

**LEGEND**

- AREAS TO BE TEMPORARY SEEDED
- SILT FENCE
- ROCK CHUTES FOR THE OUTLET STRUCTURES WILL NOT BE CONSTRUCTED UNTIL THE OUTLET STRUCTURES W/ END SECTIONS ARE IN PLACE. THE ROCK CHUTES SHALL BE CONSTRUCTED IN 1 DAY AND THE DISTURBED AREAS AROUND THE OUTLET STRUCTURES W/ END SECTIONS AND ROCK CHUTES WILL BE SEEDED AND STRAWED IMMEDIATELY.
- INLET PROTECTION (SEE DETAIL SHOWN HEREON)
- ROCK CHECK DAM (ESTIMATED LOCATION – TO BE INSTALLED CREST TO TOE SPACE AS REQUIRED PER INDIANA STORM WATER QUALITY MANUAL – SEE DETAIL SHEET EC2)

PROJECT NAME	CLIENT: SPRAGUE COMPANIES	PROJECT NO.	DATE	REV. NO.	DESCRIPTION	BY
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SHEET	17174
17174 HOTEL SITE DESIGN.dwg	



EC1



